

SEQUENCE LISTING

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<120>Novel Contigs Obtained
From Various Libraries

<130> 21272-006

<140>US 09/488,725

<141> 2000-01-21

<150>US 09/004,182

<151>1998-01-07

<150>US 09/034,341

<151>1998-02-13

<150>US 09/045,400

<151>1998-03-20

<150>US 09/321,214

<151>1999-05-26

<150>US 09/131,598

<151>1998-08-10

<150>US 09/170,294

<151>1998-10-13

<150>US 09/179,473

<151>1998-10-27

<150>US 09/181,430

<151>1998-10-28

<150>US 09/235,076

<151>1999-01-20

<150>US 09/234,611

<151>1999-01-22

<150>09/210,298

<151>1998-12-09

<150>09/221,820

<151>1998-12-30

<150>US 09/240,371

<151>1999-01-29

<150>09/248,797

<151>1999-02-12

<150>US 09/277,227

<151>1999-03-25

<150>US 09/271,490

<151>1999-03-18

<150>US 09/293,972

<151>1999-04-15

<150>US 09/274,861

<151>1999-03-23

<150>US 60/125,453

<151>1999-03-19

<150>US 60/126,605

<151>1999-03-26

<150>US 09/306,350

<151>1999-05-07

<150>US 09/399,720

<151>1999-09-21

<150>US 09/404,284

<151>1999-09-21

<150>US 09/465,877

<151>1999-12-16

<150> US 09/489,036

<151>2000-01-19

<160>10289

<170>pt_CT_genes Version 1.01

<210> 1

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(691)

<223> similar to gi439877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 1
gttgcttttt gaaaatgtta ctacatggag ggaaacaaaa ctgggtttct tcctgatgcc      60
tcttaccaag acaatctcca gatgtattat agagataaat gtggaaggta aaactatgaa      120
agaaatagaa gaaaatgcag gagaatatct tcatgatcta caaatggaaa aggagttttt      180
taaatctcaa aggcataaat taaggcagac attaaacttat ttatatagaa tttaagtatg      240
tatatttaac gaagaacata ttaaagttaa tactcaagag aacaaaaataa attatttata      300
gtgcctaata ctgatgaggg attagtatct agtgtataaa aagaagcctg caaattaaga      360
agaaaaagat agcaatctca gtttaaaagg taggcaaagt atatgatcaa gcagtttaca      420
gaagaggaat cctaaagaaa tagctggcat agttagggtt taaactcatt aagtgaaatg      480
caaatcccaa caacatgaat taagtaaaaa ttagaaatag gtattatata acaccatgtt      540
ggcaaaaatg tggaaatttg agactcctca cataggttgt agaactgtag actgctgtag      600
ccagtatatg catactgcat gaccagcag ttttattcct gatatgcctc ccaaagaact      660
tctcacactg tccatgacat acatgcaatg gtgtttgttg cagtattaa      709

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<210> 2
<211> 411
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (352)...(0)
<223> similar to gi1871540 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 2
tttttttttt ttgaggacaa ggtctcactc tgtcacccca aggtgggagt gcagtgacga      60
catcacagct cactggcagc ctcaaccctg gggttcaagt gatcctctca ccttcagcct      120
ccccaagtag ttgtgcctcc taggcacaca aactatgcc ccggcaaatt tttttgtatt      180
ttgtattttt tgtagaaaca ggatttcgcc atgttggccca ggctgggtctc gaacaccctg      240
ggctcaactg atccgcctgc ctcggcctcc caaagtgtcg ggattacagg tgtgagccac      300
cctgctcaac caggttttat tatttaagtt agttaaactt tggatagatt gtataatata      360
tagtttaatg taatcatgct catatttttt aaataaataa aacactatac t      411

```

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<210> 3
<211> 865
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (20)...(861)
<223> similar to gi1840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3
gtcgtggaat tcgccttcca gctgtcttct gtgagtgtct gcctgacagt ttcctttggc 60
tggcagctag gcactgtgtc ttcctgtctc tctagggact ggttcttgaa gggaaacctc 120
ctcatcatca tcgtcagtgt gttaatcatc ctgccccctg ccctcatgaa acacttgggc 180
tacctggggt acaccagtgg tctctctctg acctgcatgc tgtttttcct tgtttcggtc 240
atctacaaga agttccaact tggctgtgct ataggccaca atgaaacagc aatggagagt 300
gaagctctcg tgggactccc cagccaagga ctcaacagca gctgtgaggc ccagatgttc 360
acagttgact cacagatgtc ctacacagtg cccattatgg cttttgcttt tgcctgccac 420
cctgaggtgc tgcccattta tacggagctc tgccggccct ccaagcgcag gatgcaggcc 480
gtggccaacg tgtccattgg ggccatgttc tgcattgtat ggctcacagc aacctttgga 540
tacctcacct tctacagcag tgtgaaggcg gagatgctgc acatgtacag ccagaaggac 600
ccgctcatcc tctgtgtgct cctggccgtg ctgctcgctg gtgacctca ctgtgccagt 660
cgtgctgttc cctatccgcc gggccctgca gcagctgctt tccccaggca aggccctcag 720
ctggccacga catgtggcca tagctctgat ectgctgtt ttggtcaatg tccttgtcat 780
ctgtgtgcca accatccggg atatctttgg agttatcggg tccacctcag cccccagcct 840
catcttcac cccccagct gtatt 865

```

```

<210> 4
<211> 770
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (63)...(732)
<223> similar to gi577221 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4
cccaaccctc tcctctactg cacctgctgg gacccctgga acttgggacc acggaagcta 60
atcaagaccc ctcaactacc acgcaagaac tccacaggga gttccaagct aactcctctt 120
ctaccagctc caaaaaatca caattacctc caaccaacaa aacctgttgt tccccaaaaa 180
atgaaaatcc attcagcaag gcaagaagag actaataaat cattttatga agtgcataac 240
gtgtcacctg ggctatcaac ttgttcggaa tcgggaacag atttctgttc accttagggg 300
atgagatggt tgataggga aaagcgggtg gaatcggaga tcccggacaa aggcagattt 360
tccaggacca acatcatttc tgacctagaa gagcaaattc cagagctgac agcaataatt 420
gaacaaatga acagagacca ccagtctgcc cagaaattgc tctccagtga aatggatctc 480
cgctgtgctg agatgaaaca gaactttgaa aacaagaaca gggagctcaa agaggcccat 540
gaagcagaac tcagtgaagt ggagaacaac tacaagcag ccttgaaggc agagaagttg 600
gctgcccag agaatctaga ggagatggga aaagaataca agtatttgaa gaatatgttt 660
cgtacgtatc aggacagtat ttatgatgaa atggaagaga agtgggtcaa acagaaggcg 720
aaatggaaga aggatgagaa gttcgagcga gaaaatatcc tgctacagca 770

```


<210> 5
 <211> 2513
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2212) ... (407)
 <223> similar to gi557822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5

tttttttttt	ttaaatttaa	aaagatgtcc	tcactgcaca	agtgatctac	gggctacagg	60
caaggatggg	agacggaggg	ttcaacacaa	ctcattgcac	ttagaaccgt	tactaaccga	120
aacaccattt	gcttgtcaac	aatgtaccct	tgacagcagg	gagaaacttc	tttatagtct	180
ctgcttcaga	caagatttac	agctttctcc	aaggccagag	gccaatgtg	accacaagtc	240
ttgtttcttg	tccaccagac	ccaatcctct	ggcaccttgt	accccccggt	cctcagcaat	300
atgctcggcc	taggttccag	aggcagctgg	aaggaagcag	ctatgggctc	attcagttct	360
gtttgcccga	atccagaagc	cctaggaaa	tcccgtctga	gtcttgactc	ctgacccttg	420
cagtggctgg	agtcggtact	ggtgcacacc	cccactccca	cgggtgtggg	agtgtgtgta	480
attggaaacc	gcagataccc	tggaggcctg	gtagacagct	gactgcccag	cactgggcag	540
actgatagtc	cgtaagtctg	atggcaatga	cgacctagag	ttctgaggaa	aggaggtgga	600
actcagagtt	cctgtgctgg	actgagaaac	tgaatctgag	gttggcgagt	ctgaggggtc	660
ctgcagggta	gggctagcag	cactagaagg	gcagctcctc	cttgggaagt	tgctgccagt	720
gctgtttcca	gaatgtggct	ggctgctaaa	ataccctggg	gtccccgtaa	atggggccaa	780
cgagtctgtg	gacacagggg	gggcggggct	ggaataggac	gtggaagaga	gggatgatcc	840
tgaagaaccg	tgagaggggg	ggtttccagg	tctcagtgca	gtagttcgat	aactgtatcc	900
tggagactgt	gtaggatgtc	ctctgaaggg	ggaggaactc	tgctgaagga	ggctttgtga	960
ttctgtccga	ggactatcac	actgcaggag	ctggtagctg	tatctggaag	ggctgtaaac	1020
tgttgtctct	ttagagagtg	ctgagcttaa	tgtctctggg	ccttctccat	ctgcagggtc	1080
tgagtctttc	tctgtgatgt	tactctccca	tgtgggagag	ggctctccct	tttgggccac	1140
cctcacgctg	cttcggagga	ccttggggat	gctccctcct	tctcggagtc	gttctactga	1200
tgtgggaacc	atccacctac	tgctgatatt	ctcttgaggt	ctgcagttag	atgaagaagt	1260
gcctctggaa	tctgatgggc	ttaccgcctc	caaagtggac	atagaggaat	gagatgggga	1320
gaattttttg	tgaggggaag	atggagttcg	ggctgaggat	ccctgcacac	catgggcacc	1380
agtgtcggaa	acggagttac	tgctgccttg	cccagctcct	gcagacttgc	ttttgctctg	1440
tgcagagtca	cctcccccac	cagcagaatt	tcccttagct	tcttgtttcc	gttttcggta	1500
ctccagcagg	gatacttttt	tcctctgtgg	tgggttctgg	ggggcagatg	ggactccttc	1560
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cttctatccc	cccactagag	gagatcctcg	atacagtcga	tctgctcgag	gcatagcatt	1740
caaaggggag	taggcataca	tcaagttgaa	ctctgtccga	aatgcctggg	ctgagtttct	1800
cacgaggggc	tgatgtccat	ctccacttct	gcttgggaaa	ccagtctcag	aagtgggtcc	1860
gagggaggga	tgaggagcca	ggtcagaatg	actgagttga	gtaggggaagg	tctatcagca	1920
cagctgttag	tgttggagtc	aaggatccct	acttttgcca	aatccaggtc	ttttcggtga	1980
caaagctcaa	actgtagagg	agtgttcag	cgactagcag	tagtaagaga	tgttgactgg	2040
tgaaaacatg	aggctgtatc	catttcgaca	ctcctcttct	cctgggtgag	atgagccagg	2100
tgtggccagc	tggggactct	ttgagcctga	attgggaggg	gggtggtgta	ctggagacag	2160
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gggccttcga	cgtctctcag	ggataaaggg	tgagccaaag	cgaatggagg	gttttggggg	2460

gtgcaataac cggaattgt tagactggta actgtttaag gcggtgcact caa

2513

<210> 6
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(372)
 <223> similar to gi3600073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6
 ctctccataa agacaggta cagatttta atgattttca acagttgta ggggatattc 60
 attggctgtg cgcaatgcta ggtattgcaa cttatcgact caaacatctt tatcaaacc 120
 tgcaaggaga ttcttcatta gatttccccg cagcaattga tcaaagaggc agaagctgag 180
 ttgcaacttg tagaacagat gcttcagcag agacatgcct catggctgta gccgcaaaag 240
 cttttgctta ttcttcatac ccctcattct ccaacaggac tcctgggcca gtgcttagac 300
 aagtctgtat cagtaataga atggctcttt ctacctaadc aaacagttaa aaccttcaa 360
 gcctatcttc c 371

<210> 7
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (112)...(9)
 <223> similar to gi807677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 7
 ctttgcagat ataattaagt tgactaatca ttaaaataag gagactatgc tagatatcta 60
 gatgggcccc atgaaagcac atgaactcta aaatgcagaa gataacaagg gcccagaatg 120
 gccaaaacaa tactgaaaaa gaatgtaaga aaactgacat ttcttaattt caaaacttac 180
 taaaaagcca tggtaattac tacagcgagg tactggcaca aggaaagtca tagaaatcaa 240
 cggaatagaa ttgagattcc agaaataaac ccatacgtct tctgtcaact gattttccat 300
 aaaagtacca agactactca atggagaaaa gaagagtctt ttcaccaaag agtgccggg 359

<210> 8
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(610)
 <223> similar to gil196425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 8
 aaaggaaaaga gtaactcttc ctgcactagt ggtcactgta acccattgaa ctactaatta 60
 ccaatcccct tgatccctgc tggaaaacag gagagtatgt aactctagga atcgatggaa 120
 ctggactgga tccctgagta aatatttttag tccaagggga ggtccacaag cgatcttcca 180
 aaccagtgtt tcagaccttt tatgatgagc tgaatctgcc agcaccagag cttccacaaa 240
 aaaggacaaa gaacttgttt ctccagttag cagaatatgt agctcattcc ctcaatgtta 300
 cttcctgtta tgtatgtgag ggaaccacta tgggagactg atggccttgg gaaacccaag 360
 aattagtgcc tactgatcca gttcctgaca taattccagt ccagaaggcc caaactaaca 420
 acttttgggt cttgaaaacc tctattaatg gacaatactg catacctaga aaaggaaaag 480
 acttcaccat ccctgtagga aggctcaatt gtctaggaca gaagctgtat aaaagcataa 540
 cagggacaca gggacagtca cctgggtggg gtctaaacca tactgaaaat aatcccttca 600
 gttaaatt 607

<210> 9
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(379)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 9
 gtgagatcac taatacttta tgaaaagttt atggggacaa tgccccaaag aaatcagctg 60
 tttaaaaatt gataactcat ttttaacaag ggatcagatg atatggaagg taaagccaat 120
 ggcggcagat catcaacatc aattttctgag gaaaaaatct cattcctgct ctaattgaag 180
 aggacctatg attaacaaca gaaatgatag ccaacaccac agatatctca actggttcag 240

cttataacaat tctgactgaa aaattaaaagt tgagcaaaact ttccactaga tggatggcaa	300
aaccactgca cccagatcag ctgcagacaa gagcaaaact ttcaatgaaa tgttaaataa	360
gtgggatcaa gaccctgan	379

<210> 10
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> similar to gi3327112 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 10						
agtggagccg	cacagcccgg	ggctggcagg	ggccagccag	gcgcagccca	gccttccagg	60
gctgcaggca	gtggcagtag	atgtaagcca	gaactatctc	acggcagtgc	cccgacttcc	120
gtgtgtcccc	ccaaaacttg	tacctggctc	aggtgggtggc	cctggcagcc	aggtgagatc	180
cagtgaggac	tagggttctg	ccttcccggg	cagagcgagc	agcaacgact	ccttcgagca	240
gagcattaag	gcggaaatag	aacagcttct	gaatgagaag	agatagcatg	cgacccaaaa	300
atgtgatggg	gtcaatagat	aaaaaaccag	acccaaa			337

<210> 11
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (129)...(341)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 11						
gcagatcaga	aaaaccttgt	aaatgtccat	ttataaagaa	tgactgttgc	agagtgaat	60
gaatgatgga	agttcatgtc	gctccacaga	gcacttgctg	gacatgatac	agaatgaagg	120
ggacctgctg	cattttctgga	gggattgcag	aggacttcaa	ggaagcaggg	atggtgattc	180
ctaccacatc	cccattcaac	tctcctatct	ggcctatgca	gaagacagat	ggatcttgca	240
gaatgacagt	ggattagcca	ggtgatgact	taagcttaac	gtaagcttaa	ctaggtggta	300
attccaactg	cagcggctgt	accagaggtg	gttgcatctg			340

<210> 12
 <211> 1130
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(1132)
 <223> similar to gi2662167 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 12

gtcaaacaag	aacccaggtt	tgaggaggaa	gtcattattg	ggcctctggtt	ctgggcagaa	60
aaagaggcca	gtttggaggg	tggagcttca	gcaatctgtg	aatctgagcc	aggaactgag	120
gagggggcca	ttggcggatc	cgcgactagg	gctgaggaaa	agtccagttt	gggggctgtg	180
gccagagaag	aggccaagcc	ggagtctgaa	gaagaggcca	tatttgggtc	ctggttctgg	240
gacagagatg	aggcctgctt	tgacctaaat	ccctgtcctg	tgtacaaggt	cagtgatagg	300
ttcagagatg	cagctgagga	gcttaatgca	tcctccaggc	cccaaacctg	ggacgaggtc	360
actgttgaat	tcaaacctgg	tctttttcat	ggggttggct	tccgatccac	aagccccctt	420
ggaattcccc	aagaggcttc	tgaaatgctt	gaggcaaagc	ccaagaacct	ggaacttagc	480
ccagaaggag	aagagcagga	atctttgctt	cagcctgata	agcctagtcc	tgagttcaca	540
tttcagtatg	atccttccta	ccggtcagtc	cgggaaattc	gagagcatct	tagggccaag	600
gagagtgcag	agtctgagag	ttggctcctgc	agctgcatac	aatgtgagct	gaaaattggt	660
tctgaagagt	ttgaagaatt	ccttttatta	atggacaaaa	ttcgggatcc	ttttattcat	720
gaaatatcta	aaattgcaat	gggtatgaga	agtgtctctc	aattttaccg	agattttcatt	780
cgagattcag	gtgttgtctc	acttattgaa	acctgtctta	attatccatc	ctctagagtt	840
aggacaagtt	ttttggaaaa	tatgattcac	atggctccac	cttatccaaa	tctaaacatg	900
attgagacat	tcatatgtca	agtgtgtgag	gaaacccttg	cacatagtgt	ggattccctt	960
gagcagctga	ctgggaataa	gggatgcttt	agacacctca	ctatgactat	tgactatcac	1020
acaactgatt	gccaactaat	atggctcggg	gtttcctctc	cttttttiaac	cacaagccca	1080
atgcggagaa	acgaagtctc	acgttctgaa	aatgctattg	aatttgctctg		1130

<210> 13
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> similar to gi498721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 13

ggagagaaac	cttataaatg	taatgaatgt	ggtaaagctt	ttattgaaag	gtcaaacttg	60
gtttaccatc	agagaaacca	tactggagag	aagccataca	aatgtatgga	atgtggcaag	120
gcgtttgggc	ggcggctctg	cctcactaaa	caccaacgaa	ttcattctag	tgaaaaacct	180
tataaatgta	atgagtgtgg	caaatcttac	attagtcgct	caggcctcac	taaacatcag	240
ataaaaacatg	ctggagagaa	ccttacaact	aaactcaatg	tggaaaggcc	gttagatgtt	300
gtcctaacct	ctgggatccc	caaataattt	atacttactc	atatagcttg	tatatttgtc	360
ctttcccttt	gaag					374

<210> 14

<211> 282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(281)

<223> similar to gi3599339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 14

agcatttgat	aaaattcaac	atcattctat	gattaaaaaa	cctcaaaaaa	actgggtata	60
gaaggaatat	acctcaacac	aataaaagcc	atatacagca	gacccagagg	tagtatcata	120
ccgaacggga	aaaatgaaag	cctttcctct	gagatctgga	acaagacaaa	tatgccctact	180
tttaacactg	ttattttaaca	tagtactgga	attcctagct	agagcaatca	gacaatagaa	240
atgaaggcat	ccacctcgga	aggaagaagt	taaattatgc	tt		282

<210> 15

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(362)

<223> similar to gi3599339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 15

ctagcatagt	actcaaagtg	ctagccagag	caagtgggcg	aaggatcgaa	gcggcagggtg	60
cattggtttg	gaagaagtca	acttttcctt	gttcatagat	gacatgatct	tacatatgaa	120
aacctttaaa	aacaggaaca	taaattagaa	aaccttaaag	atgccaccag	aaagacctgt	180
taaatcta	acatgaattc	actgaagttg	caggatatga	aatcaactta	taaaaaccag	240
tattggtttt	atgtactaat	agggaactac	ctggaagaat	tatcaagaaa	actctatttta	300

caatagctat gagaaaaata cttagaaata aatttaagca aggaggcgaa atatctgtac 360
attg 364

<210> 16
<211> 290
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(290)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 16
cgctggcaca gacataggca catgaccaat gggccagagt agggaaccca gaaataaagc 60
caaataccta acagccaatt gatcttcac acagtaagca taatcaaggt agggaaagta 120
caccctatac accctatagt cctgggataa ttggcaagcc acatgtaaaa gaataaaaat 180
ggattctcat ctctcacctt ataaaaaatc aacacaagat ggtcaaaga cctaaatcta 240
aggtctgaaa ccataacaat tcagaagata gctttggaaa acgcttgtag 290

<210> 17
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(355)
<223> similar to gi1334115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 17
caatcaactg tatacaatca acatctgtag actacttcat ccaacaacag cagaatacac 60
attcttctca agttcacata gaacattcaa gacagaccac aagctaggtc ataaaacaca 120
tcttaaaaata aattttaaag aatataaatt acacaatgtc tgctcttaaa gcagaaatca 180
ttaacagtaa gaaaaccgga aaatcccaaa atacatgaag attaaacaac acacctctaa 240
ataacacata gatcaaagac gatattctcag gataaatttt aaaatatttt gaattaaatg 300
aaaatgaaaa cacaagttat caaaattgtg agatgtagta aagcagtgtc tgtagg 356

<210> 18
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(675)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 18
 tgctgagttt ggctgcaaga atggtgaaat cattgatact ttacaagaca ctaatcagga 60
 cagtgcacca aaggaatcag cagtttataa atggatataa cctgttttca gaagagacaa 120
 gattaatttg aagatgaagc agtggcggac catccatgtc aatttatgag aaaaaaattc 180
 attctgttca tgccttaact gaagaggact gacaacagca caaacaatag ccaacatcat 240
 agacatctca actggttcag cttactcaat tctgactgaa agttaaaagt gagcaaactt 300
 tccactcaat gagtgtcgaa accctcatgc ccagatcagc tgcagacaag agcagaggtt 360
 tcaatggaaa ttttaaaca gtgagattaa gatcctgaag catttcttga aagaattgta 420
 acaggagata aacctgggt tcaccagtac aatactgaag actaagcaca atcaaagcaa 480
 tggctaccaa gaggccgaag tggteccatt aaggcgaaa tggaccagtc aagagcaaag 540
 gtcattggca cagtgttttg ggatgccaa acattttgct cgttgacttt ctggaggggc 600
 aaagtgcagt aatgtctgtt tattatgttt tgagaaagt ggccaaacct ttagtagaaa 660
 aatgtccagg agtgatt 678

<210> 19
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(362)
 <223> similar to gil808582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 19
 ggaaaaatgat gatttgaggt ttatttgaaa tacaacaatg tccaatagga aaacactgca 60
 actttcttca ggtgttgaga aatccaatag agacctctgc ttgtctctc ctttggcaag 120
 agctccaagg ggagagagag gatgggccac cacgatgaat actacaggct gcggggaagg 180
 ataaccctag tccagaccat tctacaaaa gaaatgggga atccgaaagg aaaaggaaga 240
 aatctcacta gcacatgtca aagagccagg agaggcaca ttaccaagc agaggaagaa 300
 atagtgaccg cagcgggggc cggtcagcc gcagtataa cggtcggagc cgttacagg 359

<210> 20
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(52)
 <223> similar to gi3954942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 20
nttttcaggc tgtgacagtg aggaactcca tggctaagtc tctgtatagt gccctgtttg      60
actggatagt ttttcgaatt aatcatgcac ttctgaatag taaagattta gagcataata      120
ccaaggtaat gatataattg attataatat gtttttccct gaaagctatt ttaataaaact      180
ggttaataca tgaaatttaa aaacacagaa ttatatagag taataagtaa gaaatcgctt      240
ttatttgtaa tttattaccc tgttcagaag aattgttctg tgtgtctttc cagacctttt      300
ttattatgtg tttttacctc ccgaacgtgt atattcagag ttgcttttaa aaatgtaaatt      360
agaatcaagc tc                                     372

```

<210> 21
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> similar to gi2072972 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 21
cggcagcagg aaataatttt tatcagagca gaactaaatg aaatggaaac ggaaatatag      60
actaaaagag attaacaaaa tgaaaacttt ggttttctga aaagataaaa tagataaacc      120
tttagctaga ccaagagaaa aacagaaaaa acccaaaaaa aattagaaca aaaaggagac      180
attacaattg ataccacaga aatagaatca ttagagacta ttaggaacaa ctaacaacaa      240
cagattcctg gacacatata atcaaccaag atagaatgag gaagaaatat aaaacctgtg      300
cagaccaata attagcaatg agattgaatc agtaataaaa agcctcccaa caaagaaaag      360
cccaggatca gatggcttta cca                                     383

```

<210> 22
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (7)...(296)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 22
 atgacttcaa tacctgactt catgatttat tataaggtta tagtgataaa gacagtgagc 60
 tattaccata aagatggatc aatggcccaa aacagactcc agaattagac ctactcatct 120
 gtgtcaactg atttttgaaa aggtgaaaga ggtagtttag tgaaagaaaa gataatcttt 180
 tcaagaaata atgctgtaac aattgacata cagatgcaaa aacaacaaca gtaacaaaga 240
 actgaggtct atacttcaca ccatgtaaac aaattaactt gaaatggatt agacctaat 300
 gtaatactga aactcaaaaa cacttagaac aggagaaagn ttttgtgatc ttaggttagg 360
 caaagatttc ttaaatacaa cac 383

<210> 23
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (52)...(310)
 <223> similar to gi56590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 23
 atcagacttg taaaaattta aaaagacaaa acattctatt aggaaaacag gctgcttcat 60
 acttatcaga aggaacacaa attggtacat gccagctgaa gggaaatttg gtaatatgta 120
 acaaaccgca taggcataaa cttttcaacc cagcaatccc actattataa atgcaccctg 180
 acgttcccaa tgataagaaa atatatatgc acaaagatat tcattgcagc atcatattata 240
 attgcaaaat cctaggaaca acgtaaatgc tcatgcacaa gagagcagtt atatcaacta 300
 cagtatatca acataaggaa gtaaaagaga atgagaaagt cctctatgaa ctgataggag 360

<210> 24
 <211> 390
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(385)
 <223> similar to gi439877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 24
 atatgtgtaa agagtaaaaa ataaagcgtc tagcagacaa cataggagaa tatcttcatg 60
 actttgaggt aggacaaaga tttattgaac aggacttaaa atgtctaact gtaaaggaaa 120
 agactaataa tctggatttc actgaaatta agagcttgtg ctctcactag acaccattaa 180
 gacagaacag gcaagcccca gagtgggaga aggtatctga aaagcatata tccaataaag 240
 gggtaatctc cagaataaag aattcctcta atcaatgaga cgacagatag tccaaatgaa 300
 aaagaggtaa gacttgaatt gaatgtaacg aaacagacta tccaaattgc caataaatgt 360
 aagaagaggt gctcaatctc attaatcacc 390

<210> 25
 <211> 525
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (345)...(527)
 <223> similar to gi2072961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 25
 ggcacgagaa ctggtgctta atttaatgcc aattcatgat gtaggtttct aagcagcaca 60
 taaaaggggc tttttaggta gcaactgagta ctttactaaa aatacaaaaa ttagccaggg 120
 ggggggggtgc acgtctttaa tcccagctac tcagggcggg ggccaggggg tggggtaggg 180
 tgggggctga gacaggagaa gcaactgaac ccaggaggcg gaggttgcag tgagctgaga 240
 ttgtgctact gtactccaac ctgggcaaca aacagagtga gacactgtct caaataaata 300
 aataaataga taaataaaat aaaataaaat aaaaagaact cgaccctttt tacaatagct 360
 aaaggaaaat aaaatactta agaataact taaccaagga ggtgaaagac ctctacaaag 420
 aaaactacaa aacactgctg aaagaaatca cagatgacac aaacaaaaac acatcccaag 480
 ctcattggaca ggtagaatca atactgtgaa aatgactata ctgcc 525

<210> 26
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (352)...(332)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 26
 tcaacacccat gtatcaacca ctgatctgac cacttatagg acagcacccc aacttcacaa 60
 gatgttgtct cccagcaggc tccataaatg agccttcgat aggacatttc atcattccat 120
 caatctagct gcttccaggc aagaacaatg aattctacga tgtgagcgta ataccacagc 180
 tgtttcactg taaatgagtt ccttgatcag tgacaatgct gtgtgtgaca ccatggggat 240
 gaataaggca gcctatcaac cacatatggt aatgctggcg gaagcaacat gcacaggaaa 300
 gggaagttag tctccagtat atgtaattat tcccatgaag acaaattcct gccccttcca 360
 taatgtagtg g 371

<210> 27
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(359)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 27
 caagaaatct gaaactaata agtgagtatt gcaagatttc aggataaaaag gttaatatag 60
 aaaatcaatg ttttctata tatcagcaat ggacaagtgg aatttgaaat taaaaacaca 120
 ataccattgt gagcacacac ctaaaaaatg aaatacttag atataaacgt aacaaaatat 180
 gtacaagatc catatgaaga aaactacaaa attctgatga aaaaaatcaa agaacagatg 240
 gagatattcc atgtttatag atagaagatt gaataccaag acgtcagttc ttcccaactt 300
 ggaataatag attactgcaa tcccaataaa aattctagca agttattttg tagacacaaa 360
 ctgattatga agttt 375

<210> 28
 <211> 447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (117)...(449)
 <223> similar to gi5726238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 28
 ataggaactc gcgtagactg gaaaacaccg tctgcactgg gaaaccactt cctacttttg 60
 gcttcgaggt caggacttcg agtcgagcac gaggagagag ctaggagctt cactaccctg 120
 atgggtatgg cgacgccac aagggttagg acaatcctct gatctgacat ggagatataa 180
 tgttactgct aaatcagaca ctaacgcaa atgagagaag tgccatcata actgcagccc 240
 gagagtttgg cgatctctgg tatctcaggt caatgatagg atgacaacag aggaatgaga 300
 acgattcccc acaggccagc aggcagttcc cagtgtagac cctcactggg acacagaatc 360
 agaacataca gattggtgcc gcaaacattt gctaccttgc gtgctagaag gactaacgaa 420
 aactaggaag aagcttatga attattg 447

<210> 29
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (24)...(358)
 <223> similar to gi5726238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 29
 gagagagcta ggagcttcaa taccctgatg gctatattga tgttttacia gggttaggac 60
 aatcctctga tctgacttg gaaatataag gttactgcta aatcaaacc taccgcaaaa 120
 tgaaaaaagt gccttcttac ctgcacccca aaatttgcc aacctctgga atctaaggtc 180
 attgatagga tgacaccgaa ggattgaaac caattcccaa cagcccacaa gcaattccca 240
 atggaaacc ttactgggac ccgaatccg aaccttccga ttggtgcgg aacatttgc 300
 taccttgct gctataagga ctaaggaaaa ctaggaagaa gcttatgaat tattn 355

<210> 30
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> similar to gi5360532 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 30
 ggcgccgcgt cgcacccagg gtggctgggt tggcagcctg gcgggaggcg cggaggagag 60
 ggcgaggagg tcttctggc cgtcttccgc tccccctccc ggcctttact tctgtcaggc 120
 cccgcctggc ccaggccgc agcctgtttc cttccacctg gcggggtcgg gggctgcggg 180
 cattggggcc ccttaaggaa acccaggcct ccagggactc cgccgctcca ggactcggcg 240
 cggaggggaat gactgagcga cgaccgaggc aggggggtgat gtggtacctc gaatgctgtg 300
 gaaatggcag gaatgatgac ccggccggac cttagacctg agatcgatga gaggccgcca 360
 gcactgcccg ggaaaccggc cggctcttct cccctcctg ctgcggccgc 410

<210> 31
 <211> 1304
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1244)...(516)
 <223> similar to gi2388676 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 31
 tattcagtga ttgtctagag agggctacta agattgtacc ttctaaactg tattgtcttt 60
 ccttattcgt atgagtggc atggcttctt ttatcactaa ttccttttct ggaaaggggt 120
 aaaaatagtt atgacagttt tggaagggtg cgttttcaga ttagctgttt ccagagctga 180
 aggtaatcat ttattcaagg cctgatgagc tggagtttgc agcaggagta ggagttaatg 240
 aagtattgat acttggtaac cttttttgta aaaaaaaaaa attttaattt tttttttata 300
 gagacagggg tctccctatg ttgccaggc tggcctcgga actcctgggc tcaagggatc 360
 ctcccacctt ggcctcccaa agtgctggga ttacaggcag ccatgcccag ccagggcaga 420
 catttttatg cacaactttc tgtggggctc aagtgcacct atgatacata aattttacag 480
 ttcttgatcc ccaaacagag caggaggcag ggtgcctggg gccagggttc ctttggggaa 540
 atgtggtcct tgaggtagag tcacagatgc cggagggtga ccagcactac tgggggagag 600
 atctcctctg gggagagatg catgccaag gtccctcttg cattcctcat acctcttgat 660

gcggacagag	gggtgtccag	ctgaatgatg	tggggccccc	gcacccctctg	cagctggggc	720
cgagtcagct	tccgtggcct	gctgtcccgg	ggctcctcgg	ccccctcaat	cctttggctg	780
gccagctcct	cccggatctc	tctgagcatg	tcctcagccc	gcattggggc	cagggatgtg	840
tggccagctt	tcaggaacag	aggcccctct	tcttcctcct	cccctgagga	ctcccagggg	900
ctttccccgg	cagagtcagc	atgggttggg	gaggagggaa	gctggccccc	aagccggggc	960
ctgtggagtg	tttccaccac	cacattccct	cgctcggagg	ccccatcttc	ttcctcagac	1020
caggttggtg	ggtcttcctg	gggaagactg	cctcctttta	ggattccttc	cggcagttcg	1080
ggggcgcttc	ggcgttgagg	agcttggggg	tcgggagggg	ggggacgcag	agggatgtcc	1140
cggagttcca	gggtggagaa	ggtgaggcga	gggtcccggc	gaagggtctt	ttggcgtaga	1200
cggctcagtg	gggagcggga	ccccgtgggg	gtgcctggga	tcaaagtgcc	gtagccagag	1260
tctgaggtat	catctggcac	aaggggagca	tcttcattctg	tgtc		1304

<210> 32

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(354)

<223> similar to gi2065210 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 32

ggaagttaag	atagtccctg	tccactctga	gctcctcatg	cctctgaata	gacaggcaaa	60
gaagggagtt	accgtgctgg	cagaggtggg	tgatcctgac	taccaagggt	taattgcttc	120
tactccacag	aactaagaaa	taatacttct	ggaatacatg	ggatctccta	gggtgtcttc	180
agtgtacct	actaccatgc	cctgtgatta	atttaatgga	aaactacaac	aacccaattc	240
gggcacagct	gccaatggcc	caattccttc	aggaaggaaa	gtttgggtca	ttgccccata	300
taaagaatca	agaccaactg	agttgcttgc	tgaaagctaa	gggaatacag	aa	352

<210> 33

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(1353)

<223> similar to gi3881305 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 33

gcggccgcat	tcctgcaggg	gatgactgtg	aatggcttca	tcaacacagt	catcacctcc	60
ctcggagcgc	cgctatgacc	tgacacagcta	ccagagcggg	ctcatcgcca	gctcctacga	120
cattgccgcc	tgccctctgcc	tcaccttcgt	cagctacttc	gggggctcag	ggccacaagc	180
cgcgctggct	gggctggggg	cgctgctgctt	atgggcacgg	ggtcgctggt	gttcgcgctg	240
ccccacttca	cggttgcccc	ctaattgaggt	tggaaagtgg	acgcgggtgt	caggacgtgc	300
cctgccaacc	cccggcgcg	tgtgtgccc	acagcacctc	gggcctgtcc	cgctaccagc	360
tggctcttcat	gctgggccag	ttcctgcatg	gcgtgggtgc	cacacccctc	tacacgctgg	420
gcgtcaccta	cctggatgag	aacgtcaagt	ccagctgctc	gcccactctac	attgccatct	480
tctacacagc	ggccatcctg	ggcccagctg	ccggtacct	gattggaggt	gccctgctga	540
atatctacac	ggaaatgggc	cgacggacgg	agctgaccac	cgagagccca	ctgtgggtcg	600
gcgcctgggtg	ggtcggcttc	ctgggctctg	gggcgctgc	tttcttcacc	gccgttccca	660
tccttggtta	ccctcggcag	ctgccaggct	cccagcgcta	cgcggtcatg	agagcggcgg	720
aaatgcacca	gttgaaggac	agcagccgtg	gggaggcgag	caacccgga	tttgggaaaa	780
ccatcagaga	cctgcctctc	tccatctggc	tcctgctgaa	gaacccacg	ttcatcctgc	840
tctgcctggc	cggggccacc	gaggccactc	tcacacccg	catgtccacg	ttcagcccca	900
agttcttggg	gtcccagttc	agcctgagtg	cctcagaagc	tgccaccttg	tttgggtacc	960
tgggtggtgcc	agcgggtggt	ggcggcacct	tcctggcgcg	cttctttgtg	aacaagctca	1020
ggctccgggg	ctccgcggtc	atcaagtctt	gcctgttctg	caccgttgtc	agcctgctgg	1080
gcatcctcgt	cttctcactg	cactgcccc	gtgtgccc	ggcggcgctc	acagccagct	1140
acggcgggag	cctcctgccc	gaaggccacc	tgaacctaac	ggctccctgc	aacgctgcct	1200
gcagctgcc	gccagaacac	tacagccctg	tgtgcggctc	ggacggcctc	atgtacttct	1260
cactgtgcc	cgcagggtgc	cctgcagcca	cggagacgaa	tgtggacggc	cagaaggtgt	1320
accgagactg	tagctgtatc	cctcagaatc	tttctctg	ttttggccat	gccactgcag	1380
ggaaatgcac	ttcaactt					1398

<210> 34

<211> 1579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1580)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(1579)

<223> similar to gi3550456 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 34

gatttttctg	acaggatcaa	tcgtgccctt	gctgcagcaa	agaaggataa	tgacttcatt	60
tatcatgac	gagttccaga	ccttaaagat	ctagatccta	ttggcaaagc	cacacttggtg	120
aaatctaccc	cggctcaatgt	acccatcagt	cagaaattta	ctgatctggt	tgagaagatg	180
gttcccggtg	cagtacagca	gtctttggct	gcctataatc	agaggaaagc	cgatttgatt	240
aacagatcaa	ttgctcagat	gagagaagcc	accacttttg	caaattgggt	gctagcttcc	300
cttaattctc	cagcagcaat	tgaagatgtg	tctggagaca	ctgtacctca	gtctatatgt	360
actaaatcca	gatctgtgat	tgaacaggga	ggcatccaga	ctgttgatca	gttgattaaa	420
gaactgcctg	aattactgca	acgaaataga	gaaatcctag	atgagtcatt	aaggttggtg	480

gatgaagaag	aagcaaccga	taatgattta	agagcaaaat	ttaaggaacg	ttggcaaagg	540
acaccatcca	atgaactgta	taagccttta	agagcagagg	gaaccaactt	cagaacagtt	600
ttagataaag	ctgtgcaggc	agatggacaa	gtgaaagaat	gttaccagtc	tcatcgtgac	660
accatcgtgc	ttttgtgtaa	gccagagcct	gagctgaatg	ctgccatccc	ttctgctaata	720
ccagcaaaga	ccatgcaggg	cagtgagggt	gtaaatgtct	taaaatcctt	attgtcaaat	780
cttgatgaag	taaagaagga	aagagagggt	ctggagaatg	acttgaaatc	tgtgaatttt	840
gacatgacaa	gcaagttttt	gacagccctg	gctcaagatg	gtgtgataaa	tgaagaagct	900
ctttctgtta	ctgaactaga	tcgagtctat	ggaggtctta	caactaaagt	ccaagaatct	960
ctaaagaaac	aggaggggact	tcttaaaaaat	attcaggtct	cacatcagga	attttcaaaa	1020
atgaaacaat	ctaataatga	agctaactta	agagaagaag	ttttgaagaa	tttagctact	1080
gcatatgaca	actttgttga	actttagtagt	aatttgaagg	aaggcacaaa	gtttttacaat	1140
gagttgactg	aaatcctggt	caggttcagg	aacaaatgca	gtgatatagt	ttttgcacgg	1200
aagacagaaa	gagatgaact	cttaaaggac	ttgcaacaaa	gcattgccag	agaacctagt	1260
gctccttcaa	ttcctacacc	tgcgtatcag	tcctcaccag	caggaggaca	tgcaccaact	1320
cctccccaca	ctcatcgccc	ttaccacgct	actcctacct	atctccctt	ttataactaat	1380
aatcttataa	aangacaaaa	aacctaaagc	aacttcaatt	cctacacctg	cataaaaaang	1440
gggggggggc	ccgtttttaa	gaatcctctg	gggggcccac	ttattggcgg	tgatagagaa	1500
ataatttctt	tttttttttg	ggggcgattt	ataaccccc	cgggggaatt	ttgaagaaaa	1560
catttttttt	tgggggaaa					1579

<210> 35
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(398)
 <223> similar to gi5834564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 35						
acgcgtgcc	acaccaacat	ccatcatgcc	ctatgctcag	cctggacctg	ctgtatgaga	60
tggaacccgt	agtactggg	gactcactgg	atatatgtta	ttcgagctac	ttcatgttat	120
ctagccctgc	tctgacttac	gccacatcct	acggacgcgc	tgcttacata	gagcatgagc	180
gtacctaggg	ttggctcttg	acgtggactg	atgtgataaa	ctcgctgaat	atgactacta	240
gcctgaccca	ccatgcccc	ggctcagcag	ggagctcctg	gaggtagtag	agcctgaagt	300
cttgaggag	tactgggata	gatgttatcc	aactccttcc	agttgtcttg	aacagcctga	360
ctcctgccag	ccctatggaa	gttcctttta	tgcattg			396

<210> 36
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (23)...(416)
 <223> similar to gi2072966 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 36
aaggagaaat aaaaatgaaa gaaaaaagag agaacagaat atccaagaac tgtgggacaa      60
ttgagaagga tgtaacacgt tatttgaata ccacaagaat tagaaagcag caggagagat      120
atttgaagta gtaatggcca agaattttcc gaagttgttg acagatgcaa aactacagaa      180
ccaggaaact cagaggacac caagaagaat aaataccaaa atatatacat ctatgcacat      240
catcttcaaa tgcaggaaaa gaaagacaaa tagaaaatac tgaaagaagc cacaaggaag      300
gaaaatacta gaggaataaaa aataagaaat cttatcagaa accatgcaag aagagagtgg      360
agtgagatat aaagtgttca gagaaaaact actaacctag tcttctgtat ccg          413
  
```

<210> 37
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(365)
 <223> similar to gi483916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 37
aatagaagta actatacttg catcagatag aatagatttc aagtcaaaaa ctagaaaaag      60
acgtagggtca ttacataatg ataaagggct caattcagca agagcatata aagggttataa      120
atatatatgc aaacagtatt ggagcgggtca gacgtataaa gcgtaataga tttagtaaag      180
ggagagacag acggcgacac aataatagct gaagactgag ttcaacgccc caggttcaat      240
aatgggcagg tcattcagac agaaaatcaa gacaacccaa atcaagactg aggtacactc      300
taggcaaaat ggacctgaca ctagagaac gtttcatgca actggtatag aatacacgtt      360
tttctcatca
  
```

<210> 38
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (105)...(391)
 <223> similar to gi334072 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 38
cccagggtct ctcaaagtgt ggcctcagac ttcccacctt aaaatcatga tgggaataga      60
aagaagggtt tgtaaagtgc gcatgcccag gtcctgcacc cagaggggga catggcccct      120
ggggctcccc taggcatccc tgtgtgcacc tgcacaaacg gcagacacgg tcctgggggc      180
tccgtgggtg acaccccagg gaggggcttc acaggtgcca tatggtaaga ggtagacgaa      240
agtaccact gcgtcgtggg gtgaggtgtc caggcacagg cttcccaggg atgggatcgc      300
cgcagggcac aggtggaggg aggcagccct gggccgggga gcagagccca caaagggggc      360
ccaggaagct gctggctgtg aaggtgtaag aaa                                  393
```

<210> 39

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(272)

<223> similar to gi2340084 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 39
aaactgtacc atggggagtt gcattgcacc atgcagggtt tacttttcat gagagggata      60
tcactgaatg agcctttcat ccaggcctta ttcgggcctt ggcggcgact tgtactatct      120
cttctggggg gaaatcacct gcacgacacg cgatgatccg aaccctatt ttcggagggtc      180
gacctgatag atatgctcac ttataaccag atgggtagcc agagctggca cgaaaggaga      240
ggacacagta ggccacagta tgtaatttcg tacgcgacgc aggcgcgaat t                                  291
```

<210> 40

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(353)

<223> similar to gi35568 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 40
attgttaaaa ccactgtggt aattaagaaa tactttgggg agatgctttg aggctgtgca 60
gatagccatg tttttccttg aaagtgtgtg agccaacgtc ggatgggaat tatgtcacca 120
aacaggagct caaaggatta gatatagtta gaagagatag gtgtgatctt gctaaagaca 180
ctggaagcct tgtgattggg caaattcggt atgatcaaaag ccggatcagt atagtggaaa 240
acttcagtaa gagagcttat agaaaatgga aatagatgtg ataaatggca gtatgccagt 300
gagccagttt gaaagtataa aggcattctc ataggatcaa catgaccacc ttcctctaata 360
aagcctactt taggtaca 378

```

```

<210> 41
<211> 349
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (40)...(347)
<223> similar to gil791243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 41
cagaacaagt agacagaaag ggagtaagaa tacagaagac ttgaacaggg ttaacccaat 60
gacatatata ttctatatcc caaaacagta gaaggtagat cctttccaag tgcacctgga 120
acactcacca agacagacca taagccgggt ctcgaaacat gcagaatatg ttctctgacc 180
acaactgaag tgaaaaataa ataacaaaaa tataacataa agagcccccata tatattcaga 240
aattaaacac acttttaaac aactcacggg tcaaagaaga aatcacaga gaaattagaa 300
aataccttgg gctgaatgat aaaaatatat taaaacgtgt gggatgcag 349

```

```

<210> 42
<211> 931
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(847)
<223> similar to gi3258569 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 42
acgcaagcct tttggatcca aaatgtatta ttctgggatt gctgcactag atagatttaa 60
aaacagattg aaggactatc cccagtattg tcagcatttg gcttctatca gtcactttat 120
gcaatttcca catcatttac aggagtatat tgagtatgga caagcagtct agagatcctc 180

```

ctgtgaaaat	gcaaggctct	atcacaaccc	ctggaagtat	tgcactggct	caggcccagg	240
ctcaggccca	ggttccagca	aaagctcctc	ttgctgggtca	agtttagcact	atggtaacca	300
cctcaacaac	taccactggt	gctaaaacgg	ttacgggtcac	caggccaact	ggagtcagct	360
ttaagaaaaga	tgtgccacct	tctattaata	ctacaaatat	agatacgttg	cttgtggcca	420
cagatcaaac	tgagagaatt	gtggagcccc	cagaaaaatat	ccaggagaaa	attgctttta	480
ttttcaataa	tctctcacag	tcaaatatga	cacaaaagggt	tgaagagcta	aaggaaaacgg	540
tgaaagaaga	atttatgcct	tgggtttcac	agtatctggt	tatgaagaga	gtcagtattg	600
agccaaactt	tcatagcctg	tattcaaact	tccttgacac	gctgaagaat	cctgaattta	660
acaagatggg	tctgaatgag	acctacagaa	acattaaagt	gctcctgacc	tctgataaaag	720
ctgcagccaa	tttctcagat	cgttctttgc	tgaagaactt	gggacattgg	ctaggaatga	780
tcacattagc	taaaaacaaa	cccatcttac	acactgactt	ggatgtgaaa	tcattgctgc	840
tagaggctta	tgttaaagga	caacaagaat	tgctctatgt	agtggccttt	ggtggccaag	900
tcttagaatc	taacattcgg	agtgtggttt	t			931

<210> 43

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(599)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 43

caaagtata	cagaaagaaa	gacaaggaaa	taaaacagct	aaagcaattt	tgaaaaaaga	60
agactaaagg	gagaggaatc	agtctattca	atgtaaggac	tcatcatagc	ctaatacaaga	120
cactgattgg	ttttagcaaa	aggatagaca	cataagtcaa	tggaacaaaa	tgaagaaccc	180
agaaatagac	ccacacaaat	aagcataaat	gatttttgag	aaatgtgcaa	tcctttctca	240
atggagagag	tatatggtct	tttcaacaat	tagtgctgga	ccaatgggac	atccataggc	300
aaaaaaattg	aatcttgatc	ttaacctcac	acacaaaaaa	acaactcaaa	gtggatcatg	360
aacttaaact	taaaatgcag	aacaatgata	cagttacaaa	aaacctaaga	gaagatattt	420
gggatctagg	attaggtaaa	aagctccaga	cttgacacca	aaagcaagga	gtataaaagg	480
aaaaattgat	acactggact	tcattgaaat	gaaatgtttt	ttttgctttg	aaaaactgtc	540
aagaggatga	agaaagaagc	taaagactag	gaaaaaata	tttgcaaacc	gtatgcctg	599

<210> 44

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(333)

<223> similar to gil335205 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 44
ttaatctctg gattcaatgt aatcccaatc aaaaccccag caaatccttg tgtgaaaatt 60
gacaagttga ttctaaaatt tatatggcac tgcaaagcac gtagaatagg caaggcaatg 120
tggaataaga acaaatatgg gggacttata caataagatt tcaagatttg ccataaagtt 180
agaataattg agatagtgtg gtattagctc caggggaagac aaaagatcaa gggaacaaaa 240
cagagtccag aaatagatcc aaacatatat agtcacttaa catatgacaa aagcaccact 300
gcaatccaaa ggaggaaaat ataccctttt c 331
```

```
<210> 45
<211> 356
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (26)...(352)
<223> similar to gi2072977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 45
cgataaaaata gaaaaaacttc taaaaaccag tgcctagatc aaagccttaa taaaaattct 60
cccatcaaag aaaagcccag gacctgactg ctttactgct gaattctacc aaacatttaa 120
agaattaatg ccaatcctat tcaaactctt aaaataaaaa aaaagaaaaa aagggaagag 180
gggggaattt tttaaaaact atttttagag ggccggtttt ttctgaaaaa aaagcccggg 240
cagggacccc caaaaaggaa aaacttaagg cccgtttcca tgggaaacta tatttccaaa 300
aatccttaac aaatttttga accccaatt tcattggtat ccggaaaaaa cattta 356
```

```
<210> 46
<211> 394
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(395)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (11)...(396)
<223> similar to gi2981631 in the genepept database release 114,
```

Run with FASTXY 3.3t00, default parameters

```

<400> 46
ngaagatcaa aagaaaatat caaacttgaa caacactata gatcaaataa acctaacaga      60
cagatataaa acattccacc caaaagtagc agaacacaca gtgtcctcaa gtgcaaacag      120
aacattctac aggggttgatc acatgctagg tcagaaaaca agtcctaaca aatataagaa      180
gtttgaaata attccaagta tcttttccag ccacaatgga atgaaactaa atcaaaaaca      240
aaaagaaaaa aattcaaaaa tatgtggaaa ttaaacaata tattctggaa caactaatgg      300
gtcaaagaag aaaccaaaaa gggaaattag aaaatatctt gagacaaatt aaaacaaaaa      360
tctcccccaa aacttatggg atgcagcaaa agcc                                     394

```

```

<210> 47
<211> 333
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (40)...(301)
<223> similar to gi804788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 47
gcgacatttt aggggggaaaa acaaaattat actagcataa atactataaa atcataaatt      60
tccttttaat ggagaaaatg aaaaactatt actgaaaggt atttaaaaag actaaataaa      120
tggagagatt caatattgta aagatgcaaa ttctcagcag agggacctac aaatttagtg      180
tagctccaat aaaaatacca agttcctata gactttctct agcagactct gaagtttaca      240
tcaaaaatca aagagccaag aatagcgaag tctctcctaa aaaagaatat ggtaggaggt      300
ttaccccact ggctatcaag agtcatgttt tag                                     333

```

```

<210> 48
<211> 341
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (70)...(226)

```

<223> similar to gi415821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 48
aggggctctt cccctgggtg tgggcagtg ggctgctgga ggacgctatg atgggctagt 60
gggcatgttc gaccctacag agtgctcaac aacttcattt ccaacaaaa aaatggactt 120
taaggaagat ctttcaggaa tagctgaaat gttcaagacc ccagtgaagg agcttttgat 180
tgtnntttga acatgtttga tagtggttt taaatccgat aattcgtgag taataaatcg 240
cttatatact gtgctccatc ttgattgtta attgatttat gaagctattg tgctttatat 300
gatcatgatt tgtgaaattt tagtttgata taaatatcta g 341

```

```

<210> 49
<211> 338
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (5)...(339)
<223> similar to gi1334115 in the genepept database release 114,
- Run with FASTXY 3.3t00, default parameters

```

```

<400> 49
ccacaatacc cctcttttag cactgaacag atcatccaga cagaaaatca acaaagaaac 60
atcagattta atgggctctg cagatcaa atagactaaca aacattttaca gaacatttca 120
tccaacaact gaagaatata cattcttata agcacatgga acattctcca ggatagacta 180
tatgttaggc cacaaaacaa gtttcaacaa attttcaaaa aattaaaatc atatcaagta 240
attttcataa cagtatggta taaaattaaa atcaatacca agagcagttt tggaactat 300
gcaaaaacat ggcaattaaa caacatgctc ctgaacan 338

```

```

<210> 50
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (259)...(333)

```


<223> similar to gi775215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 50
aggtcaggac aggccaggt taggccaagc caaggtagg acaaggccat gataggccca 60
tgcccaagcc agggcagggt tagggtagcc cagggcatgc caaaatcagg gcagggccat 120
agcagtggca ggactagcac tagggccagg gcaagctgct ggaccacagc atggtgggga 180
caattcaggg ccaggacaga ggatggcaag gcaggtccag ggccatttca tggactcggg 240
aggcttgggg tcaggccagg gcagggcaaa ggcaaggcca gggagaaggc aaggccgggg 300
ccaaggcagt gccagggcag ggaggacca gtgcaccccc aacgcagggt gagggcaagg 360
ccagggc 367

```

```

<210> 51
<211> 366
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(368)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 51
cagaaatcaa ttgtatttct gtacattagc agtgaacaaa aatgaaatta agaattccat 60
ttataattgc atctagaaat taagaaaata agcggtaaaa aaatggtact ctgagaccta 120
ccaaaaatta ttgaaagaaa ttaaagaatt agacatccca tgttcattga tctagatgac 180
ttaatattgt tgagatgtca gtattatccc aaatgatcta cagattcaag gcaatctcag 240
ctgccatttt tcttcttcag aaaaggcaaa gctgatccta aaagttacat ggaaattcag 300
ggtagtcaga atttttaaaa cagctttgaa aaagaacaac aaaagtgaag gagtcacagt 360
tcttga 366

```

```

<210> 52
<211> 333
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (23)...(328)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 52
catgataact accatgtaga ccaatcgtat acagggtccaa gaaataagtc tgagtatata      60
tagccaactg attattgaga aagggtattcc aaaaatatgt tgaggggaag gacagtttct      120
tcagtatata gtggtggaaa atctgtatat ccatatgtgg aagaattaga ttagactcat      180
agttctcccc atgcacaaca ttcattctcaa gatggatttc ggaatcaaata ataagaccct      240
ggaattatag agctcccaga agaaagtatg ggagaaatgc ttcagggcat tgggtctgggc      300
aaagatttta tggctaagcc ctcaaaaacg taa                                     333

```

```

<210> 53
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (17)...(397)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 53
caaagggtca atttaaaaaa ttaagatgga aaggtaaaat ttccttgaaa atacaaaaaac      60
ggtaaatata cataccaaaa tctatgggat acagcaaaaag cagtactaag aaagatgttt      120
atagcaataa atgcctacat taaaaaagta aaaagacttc aaatgaacaa tctaataatg      180
gtgcatgtta aggaactaga agagcaagaa caaatcaaata ccaaaattgg tagaggaaaa      240
gaaataataa agaccagagc agaaataaat gaaattgaaa ctagaaaaaa aatacagaag      300
gtcaatgaaa caaaaagtgt actgtttgaa aatattgaca aaccttgacc aaggctaaga      360
taaaaagaga gaagacccaa ataaataaaa tcagagatta gag                               403

```

```

<210> 54
<211> 334
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (17)...(296)
<223> similar to gi1335196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 54

```

aaataatatg	agagctgtgg	ctataactaat	atcagacaaa	acagacttta	agtcaattct	60
gtctgttaaa	tactgtttaca	agagacgaag	gacataatga	taaaaggggc	aattcaccaa	120
gaagatataa	taactataaa	tatatatgca	ccacacatta	gagctcctaa	atataggaaa	180
caacccctga	cagaactgaa	ggtagaaacc	aacagcaaca	caataataga	aggagatttc	240
aacactgcta	tttcaatgat	ggatggaaca	accagacaga	agataaataa	ggaaaacaga	300
ggatctgaac	aacactatgg	actaagtggg	ctga			334

<210> 55

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(331)

<223> similar to gi5305335 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 55

agaactgagg	aaaacctcca	atgcaatcca	caatccaatc	ccttgactct	ctgtaccggg	60
caaggcgcca	agcaccagcc	ccagcgcgcc	gcacctgccg	gggccgcat	ctcccagctc	120
atcgagtccc	tcgcgccgt	ggccctttgt	gccaggcggg	ctgctcccc	tcaagtcgtc	180
tccaccgagg	ctccagctcc	cgccactgcc	cgggctggag	acctgacaac	ttttctgaac	240
cgccgtctcc	atctcgacc	cttcccgggc	tccaggaccg	tccctgtgc	gccctcatct	300
gcaccgtcgc	cgtccgactc	cggagccgga	gaccgcgtcg	ggcgcaggag	gagagagagc	360
gcgggcgcgc	gggaggggaa	atctctccgg	gactgctgct	ggcggacgag	ggacggagag	420
gagatggggc	cgcacttacc	cggagctgga	actgcctgtc	cgctgggacc	cgctcctctg	480
gcgcggaaac	tccgtgtctg	cagactccct	cagccctgga	gacttctgcc	ggaaacccgg	540
gacaccaaga	ggggcccagc	ccttccccac	ctctctcctg	accgttactc	cggacaggta	600
gggtctgcgc	tcctcttcct	ctctaaattg	cgggtcacat	ttgcggatgc	cagaggagct	660
cgtgccttcg	gaaattaaaa	atcctatcca	gttgattcgg	acccatcttc	cggacgaaa	719

<210> 56

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (6)...(475)

<223> similar to gi206712 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 56
cgcttggtg cgggcccctc ggcggtccca gggcccacag ggaccgtcct cctccggccc      60
tctgcgaagc ctcttctctg cctcaggcac cgccctgttc ttctccaagg tctggggtac      120
agcagcgccc tccaggcccc gcggtggcca gggcaggaag cgcacggcct gcgcgggggg      180
ctcccgtctc cgaccggggg gtgctttcgt cctggcctct gggggatcgg cggcgggggg      240
cggcacaggg ctcttgact cctggatggc tctgctccgg gtcagcgga attggtcccg      300
acgcctaacc tcttgaagcg gcgccctcca acggctctct cctgcccgcc ggcccgcggc      360
tctgggcct cccaggctag tccccggct tctgcgagcg cacgtgtggt gtagagccgc      420
acaattagan ggcaggttcc tagcgacaat cagagatctc catagtcac acgat          475
```

```
<210> 57
<211> 602
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(562)
<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 57
cgacatcaga aaactcacac tgcagaaaga cttatgagt gcagagaatg tgggaaattc      60
ttctccagtc tccttgaaca caggagagtt cacactggag aaaggcctta tgaatgcagg      120
gaatgtggaa aaacatttac tcgaaggtct gcgcatttta aacatcagag acttcatact      180
cgaggaaagc cttacgagtg cagcgaatgt gggaaatcct ttgctgaaac cttcagtctt      240
actgaacaca ggagagtaca cactggagaa aggccttatg agtgcagtga atgtggaaaa      300
tcatttcacg gaagctcttc tctccttcga catcagagag ttcacacaga aagaagtcct      360
tacaagtga aagaaatttg ggaaattctt tagctaaacc tctgtgcac ttcttgatca      420
gagggttctt actggatcag gaccttatga gtgtgacaaa cgtgggatat tctttatgca      480
gaagtcttgt tttattacat acagaagagc tcccactgca gaagggcctc ttgagtgcga      540
tgaatgtgag aaagccttct gccttctgtc attggataac agattgttct cataaggaaa      600
ac                                          602
```

```
<210> 58
<211> 739
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
```

<222> (140)...(739)

<223> similar to gil778844 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 58

cttctactca	agacatttgt	ccacatacat	gcagcatgtc	ctggcccact	cagttcccac	60
cgcagacacc	tggtcacacc	accactgaa	atttgggtcac	ttccacattc	tcagccacat	120
acaaagaacg	gggcccagac	aaccactag	agccgcacat	gcgtggccac	acccagtgc	180
agctatgttt	cctcaggcgc	ccgccaaga	tactgacgtc	acaggcccac	ccagatagaa	240
tcacaccag	agttcaccca	tttgctgacc	cagtcccaca	cgacacaatc	gcagctatat	300
acacttggtta	cacgtatctc	cactgctgca	cactgacatc	tggtcacaga	tgcacacgga	360
cagacacaca	tttgggtccca	cggagaccac	atgcagcctc	aaccagacca	gtcacaccaa	420
cacactgttt	ttggccacac	actgtcacgt	ggtcacacat	actcagtcac	aggtgctcaa	480
atctgggtcac	agcatcagtc	acacagtcta	ttgtgacagc	cacactcata	gggacagtcc	540
tctatacaca	accacataca	gaggtactga	tggccacagc	atgcaaccac	ccacaaacaa	600
ctgtcccca	ggatggcctc	cctcaagaca	cagccatggt	ggtcctatag	gaatggccac	660
agcatcaatg	tccatgtgac	ccagccacct	atcatggtca	taatcccgtc	acccagtgtc	720
catacacagc	tgtagcatg					739

<210> 59

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(404)

<223> similar to gil545952 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 59

agtacaacaa	ctcgaagggg	acactatata	cgacgctgtg	gaacatggct	tactggacgc	60
atagaatggt	gtgaaattcc	taacattgcc	accactgtta	cttctaccac	tgatgatata	120
tatgtatgac	ccttagacgg	accaaactat	caagatcact	gaccggtgcg	aattcccaga	180
gcatgtacca	cttggtgaat	tattgcggat	aacagatcct	attgaccctg	cagattatat	240
ccttcacgca	gtcctgggat	catagtggac	attatcatgg	tggacattat	gtggtttatc	300
tagaccctg	aggggatggc	gcatggcgta	aatttgatga	ctacgtgggtg	caatgtgtac	360
tcatgaggat	gcacttgatc	acgattatgg	gggtcccgat	ca		402

<210> 60

<211> 386

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(382)
 <223> similar to gi4235275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 60
 agggagagca gatatcccag ctgattgcag gctacattga catcatcctg aaaaagaaac 60
 aatggaaaga gcgatttgga ctagaagggtg atgaggagtc aaccatgtta gaatagtccg 120
 attcctcaac tgagtccacc atcttgcac agcagttcaa ccggaccgcg aaggcagagc 180
 acggctcagt gacgctgccg gacgcgatgc gctcgggctt cagcgtgcct gagaccttca 240
 acgttggcag catgcccttg ccaagcagca ggtcatgggtt gggcagatgc accgaggcca 300
 catgctgca ctgacctcaa cccaacatgc cctgatgggg accatttaca caagcatgca 360
 cgccgtccag caggcccagg atgatg 386

<210> 61
 <211> 1136
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1137)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (39)...(1136)
 <223> similar to gi414797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 61
 tgggcaggcc ggggggtgagg gctcgcgctc cgggagctgc acggggctgc gtggaaagag 60
 cgccgagcgg tggcgctcgtt gtcgccccct cctcgtcggg aagaatcggt tggctcctg 120
 ccgtgcccg aatcccagtc agaagttcca gcctgccact gttctctgat gccatgccag 180
 caccaactca actgtttttt cctctcatcc gtaactgtga actgagcagg atctatggca 240
 ctgcatgtta ctgccaccac aaacatctct gttgttcctc atcgtacatt cctcagagtc 300
 gactgagata cacacctcat ccagcatatg ctaccttttg caggccaaag gagaactggt 360
 ggcagtacac ccaaggaagg agatatgctt ccacaccaca gaaattttac ctcacacctc 420
 cacaagtcaa tagcatcctt aaagctaatt aatacagttt caaagtgcc aattttgacg 480
 gcaaaaatgt cagttctatc cttggatttg acagcaatca gctgcctgca aatgcacca 540
 ttgaggaccg gagaagtgc gcaacctgct tgcagaccag agggatgctt ttgggggttt 600
 ttgatggcca tgcaggttgt gcttgttccc aggcagtcag tgaaagactc ttttattata 660
 ttgctgtctc tttgttacct catgagactt tgctagagat tgaaaatgca gtggagagcg 720
 gccgggcact gctaccatt ctccagtggc acaagcacc caatgattac tttagtaagg 780
 aggcattcaa attgtacttt aacagcttga ggacttactg gcaagagctt atagacctca 840

acactgggtga	gtcgactgat	attgatgtta	aggaggctct	aattaatgcc	ttcaagaggc	900
ttgataatga	catctccttg	gaggcgcaag	ttggatgatcc	taattctttt	ctcaactacc	960
tggtgcttcg	agtggcattt	tctggagcca	ctgcttgtgt	ggcccatgtg	gatgggtgtg	1020
accttcatgt	ggccaatact	ggcgatagca	gagccatgct	gggtgtgcag	gaagaggacg	1080
gctcatgggt	cagcagtcac	ggtgtcttaa	tngaccacaa	tggttcaaaa	tgaaag	1136

<210> 62
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(332)
 <223> similar to gi3599347 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 62	
caagatacag	aaatagaact
ttttaaaacc	ctttatgctt
atggggaaag	aataatgttt
aagaatgaag	ttggatccct
aaatctcaga	actaaaatta
ccttggtatt	gacagtgggt
ttgaaaaatc	tgacttatat
	caaaattaga
	acagat
	60
	120
	180
	240
	300
	360
	396

<210> 63
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (55)...(400)
 <223> similar to gi3037018 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 63	
cccttgtcag	aaaggtaaat
ctattggaag	ttaatgtatt
ctcatttttt	tgtctgaatt
tgtcttttct	agttttcttt
attacttcgg	ttatttaatt
	gttgtatggt
	tatcttgtcc
	ggtatctttt
	ttgattttgt
	60
	120
	180
	240
	300

```

taatgtcttt tctttcgta tcgtgtgtct ctgtgttttg atttattctt aggtttcgtt 360
tttgcttatt ttgtttcgta tagtgtttat tttattgttg 400

```

```

<210> 64
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (27)...(374)
<223> similar to gi5052950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 64
agcgagttga gcaagagcaa tggggagaaa gcttattcaa acaaattata gcagaaaact 60
tttgaaaact tgagaaagag ataaataccc aggttaaagga aggtcagcaa aaactccaaa 120
cagattgatc ccaaataaga ataccccaag tactacaata attaattctc aaaagtcagt 180
aagaaagaga ttatactatg agcaacaaga gaaaagaggc aaataatgta taaaggagcg 240
ctccaattca tgtagcaaca gaattctcaa tcaaaaccat acaggccagg agggagtgaa 300
atgacagtat taacatgttg aaagaaaaaa aacctgccat tcaagaatac catattcagc 360
caaacttatt ctta 374

```

```

<210> 65
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5)...(262)
<223> similar to gi439877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 65
tgacctcaca ctatacacia aaattaactt aaaatggata atagaccag ctgtaagagt 60
taagactata aaagtcttca aagaaaacat aggagaaaaa tcttcattcc tttgggtag 120
gcagagtttt ccccaaaaca ccacaaaag cttgatcaat aaaaaataat acattggact 180
gcatcaaaat ttaaaatatt tgcttttcaa gacatcatta agaagatttt tttaaagcct 240
caggctggga gaaaatacag tcatgtggca gctaataacc aggttacttt ctgagaaatg 300
tgccattaaa cattgtcatc attgtatgaa catcatagag 340

```


<210> 66
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (44)...(342)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 66
 aacaccacac atcagtattc ctgatcaaga tttttttaa tcaatattca acaaaatact 60
 ggccaacagg attcagtggg acattgaaag gattacacat catggccaag taagatttac 120
 agctggtatg caaagatggt tcaacatgct caagtcaata aatgtaatgt ctattacatt 180
 aatagaatga agggaaaaaa tgtgatctcc attgatggag aaaaagcatt tgagacaatg 240
 tcatgccctt tcatgataaa aactcaacaa ttgggaatag aaggaaacaa cctaaaatag 300
 aggccatag aacatcccac tgtaaacatc atattcaata agactgaaag gacttt 356

<210> 67
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(346)
 <223> similar to gi2414492 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 67
 cacaagtctg caggaggagc actgcaacag cacgttgcgt gtggtcaacg gtctcaccgt 60
 cgtgcactaa gactggctga acggtacgga gtacaagcgc aagggtctta actaaggcct 120
 tccaacctgc atccatagaa ccatctccaa aaccaaagg catcccctta gaaccacagg 180
 tgtacaccct gccccattc tgggaggaga tgacctagaa ccaggtcagc ctgacctgtc 240
 tgggtcaaagg cttctacccc agcgacatcg ccgtggagtg ggagagcaat gggcagccgg 300
 agaacaacta ctagaccaca ccttccatgc tggactccga cgg 343

<210> 68
 <211> 295

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(287)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 68
caagactgtg gtatttgcaa aagagacaaa tccatcagtg gaacagactg gggagcccag 60
aaatagacca cgcaaatata caaaagaaca aggcaatatg atggagaaaa gatagtcttt 120
tcaagaaatg gtgctggaac aactgaataa gtacattttt aaaaaacgaa tccatatata 180
gatgttatgt cctttacaaa aatgaattca gaatgtatca cgaacataaa cataaagcac 240
aaagctatca agcttcaaca agataatcca gatgacctcg tattttgcaa tgaaa 295

<210> 69
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(321)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 69
cagaattagt tacacatctt ctctctcccc tcatcacacc taatgaccaa cttgcaattc 60
ccccatcact ggcactctgg ttctgctggt ttaacagtct cagcacccaa gtgaagaatg 120
atttcaccaa gggactcaac aatacctcca ctgatttgga agcttaaact gcaacctagc 180
aattctgaac tcctcatgac acagaacagg gacaaaaagg gaggtgacag aattggttgt 240
gttaatgaat cttgattatc aagggtaaag aagattgttg caacaggatg agagaaggga 300
ggtgtgtgtc tggaacctgg aacacctgtt g 331

<210> 70
<211> 305
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(306)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(234)

<223> similar to gil916229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 70

aagaaacaag	attgcctttg	ttcacagatg	acaagattgt	ctatgtagaa	aattgaaaat	60
aataaagaaa	atcgaaaata	ataaagaaaa	tccctggaac	taataagcaa	gtattacaag	120
gttcaggat	acaagggttaa	tataaaaaaag	tccattgttt	tcctatagat	catcaatgaa	180
taaatggaat	ctgaaataaa	tacacaattg	ccatacatta	gtcctcaaaa	attccctact	240
atggaactcc	ttaattatgt	ccggatataa	tgaatcatta	aaaaggacct	acttacatat	300
aaatn						305

<210> 71

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(311)

<223> similar to gil335196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 71

atgagaacac	aaaagaataa	taacaaaatg	atacaggagt	caattctgca	aggagtcata	60
acaatcctta	atgtatatgt	tcctaacaag	aaagcatcaa	aatacatgag	gctaaaacta	120
atgcaactgc	aaggaatcca	ctattgtagt	tggaactctc	atcactcttc	tgtcagtaac	180
tgacagatct	agcaggcaga	aaatcagtaa	taatatggtt	gaactgaaga	gccacatcaa	240
tcaactgaat	ctaactgatg	ttaatatact	atatccaaaa	ccagtcaaat	aaacattctt	300
ctcaagttca	cttggaatat	tcac				324

<210> 72

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(320)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 72
cagaccaatg cgcgaacatc tacaaaaacac tgctgggaga aatgaaagat gtaagtagag      60
tgagagata ttcatatact tgaagactca atattgttga gatgttaatt tttcccaaac      120
tgatctacag attcaatgca atcccaataa aaaacccag cagggttttt ttgttttaag      180
tagaaattgc caatctgggt ctaaaattca cgtggaaatt caaaatatcc agaagagtca      240
aaccagttga aaaagaataa agctagagag ctaatactac atgatctcat ggcttattat      300
aaagattcag caatcaaaaag agtatgccat tagccagggtg aggtggcac      349

```

<210> 73
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(342)
<223> similar to gi1916229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 73
gctcctggaa ctgataaatg gcttcccagt tttaagatac aaaagcaatg tacaaaaatc      60
agtagcaatt ctatatacca gtaaccctca agctgagagc caagtaaaga atgcagtccc      120
atttgcaata gctacaaaaa aaagaaaaag ataaagtacc taagaatata tttaaccaag      180
taggtaaaag atctcaacaa ggagagctac aaacgctgat aaaagaaatc acaggtgaca      240
caaacaaaag gaaaaaaatt tcatgctcat ggattagaag aatcaatact gttgaaacag      300
ccatactgta caaatcaatc tacacattca gcataattc      339

```

<210> 74
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(322)
<223> similar to gi1335205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 74
atttataatc actccaaaaa attaaaatac ttacatataa agcaaataac aggtatagga      60
tttacctgct gaaaattaca gagtgctaata gaaagaaatc aaggaagatt taaatagaca      120
tatcagggtga atggattaga agactcaata ttatagatat caattctccc caaattttatc      180
taaaagttta aatacaattc ctatcaaaat tgcagtaaag ttttttgcag atatagacaa      240
gtatattcta aaatgcatac ataaaggcaa atgatctaga atagctaaac aattttctaa      300
aagaataaaag gaaaaaatcac tgttcaatgt taacttaa      338

```

```

<210> 75
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(650)
<223> similar to gil405421 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 75
ctcatgaaag cctgaaaccc ctgccttccc taaatgttgg tgcccatggc cctaagccag      60
ctccagtgct cccagcacat cctctcccca ggcgatgag aaccaccag tgggtggtca      120
tccctcctac actgaccagc ccgaaccctg ggctctgagc cagacctggt gaggctcaga      180
cccgtttcca aacttcctgg atggccctgg gggcccacag atagagggtg ctcatgcctg      240
ccccacgctg gggtgattaa tgccccctgc aggtgcctgc cctcaccag ggtcccaagc      300
tgccgacggc tttgtcatcc atccagtcac ccaggagat cctggaggca ttctcccgc      360
ctcctcaccg tgacatccac tgtctgccag atctctctg cctcttctc tcttctctac      420
agctggggtc cagctcctct tccccctgga tgatgccct tgctgctca caatccttcc      480
atggctcccc agtgtcctca tgataagcac cgagcactcc aggcccttgg caggcggggc      540
atccgcatca ccagcctttc caccagcac tggcggctgg gcccttcag gctgctggcc      600
ccccacacac catgttcttt cctcccactc cttccaatcc ctccagtcaa agtcctttca      660
gacctctcta agccccaaac ttccatctca gccccaaat cctgctgtct ctgacgaaa      719

```

```

<210> 76
<211> 307
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5)...(307)
<223> similar to gi4322304 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 76
tgagagtgat gatgatgatg agtttaacaa acttcctagt gacgctaaag ggaatgctca    60
cagatgagat acgaagtgcg atgggtcaga ggaggatgag gatcacagtg aaaaaagtat    120
agagcgccca agaatgcttc cttttggaga aagtggatgat gaatcagatg attttttgca    180
atctagcaaa ggacagaaac aagctctgac agacaagcca ggtcctagca cagaaagcgg    240
gaatggatat gacgacgcct acttcaggat tgcacagtgg ccgcactaaa tgtcaacaat    300
aaggagc                                     307

```

```

<210> 77
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(328)
<223> similar to gi183817 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 77
acctcaaggg cacctttgcc aactgagtg aactgcactg tgacaagctg cacgtgaatc    60
ctgagaactt cagtctcctg gacaacgtgc atggctctgt tgctgacca tcgctatggc    120
aaataattca ccccatcagt gcagactgcc tatcagaaat tggaggctgg tgtggctaata    180
gccctggccc ccaagtatcc ataagctagc tttcttgctg tccaatttct attaaagggt    240
cctatgttcc ctaagtgcct cttctaagct ggggaatatt atcaagggcc ttaagcatat    300
ggcccctgcg taataaaaaa catttatt                                     328

```

```

<210> 78
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(411)
<223> similar to gi334749 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 78
cggcagtcta gtagagacca cacaattcca tcaactcagag tttagtagca cttagagagc    60
tgagggttact ctgtttattt attaaagaac ttttacagca tgaagttagc tctggagacc    120

```

actctgtgtg	ctctttttct	ccgacttcag	caattgctac	accaacgtac	acatcctgtt	180
tttattacac	acattcgagc	ccacagctct	ctgcctggcc	cattggctta	tggcaatgat	240
caagcagctc	ttcaggttgt	aacatcactg	ctagaccaag	ccaccaatt	gcatcaattt	300
ttctactaaa	attagagaaa	ctcatcttaa	acaacttcaa	cttatacaga	gattggctaa	360
acaaattatc	tgacggtgcc	cagattgcc	gctcacaggc	acagcccctc	tt	412

<210> 79
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(333)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 79	
agaaaatctc	agcttgcttt acaaaggggtg ctgcataaaa taccggcacc atccaaaagc 60
atctgcaata	ctacagcccc atgcagaggt gtccctgaag aagggttggt aaaggaaatc 120
ctctgcgtag	gcataacttc aggcaatgta ctgggtggtt tgttctacct ggaggagag 180
atggccggaa	gtacagatct aactgattt atgagtgggtg actaacagtt tgattgtatg 240
ctgaggttat	gtagaagaaa aatgattaga aaagtgttga taaggagatc tagggaacag 300
gtatgtagac	agacctctcc aactgggcat aaa 333

<210> 80
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(312)
 <223> similar to gi1196432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 80		
ccaataacag	ctgaagattt caacaaccca ctttcagcaa tggacaaatc ttcttgacag 60	
gaaatccgca	aagaaacctc agatttaatc tgcactacag aaaaaatggg cctaatagat 120	
atttacagaa	catctcattc aatggctgca gatacacatt ctctctctga gcatatggat 180	
cattgtcaag	gatagacttt aggttaagtc ataaaacaag ccttataaca tttaaacaaa 240	
aaatctgaaa	taatatcaag catcttctct caccacaatg gaataaacct agaaatcaat 300	
aacaagagca	atcttggt	317

<210> 81
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (141)...(303)
 <223> similar to gi2662397 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 81
 gttcgaatta tgatttaatg atggatacac cgaagtaagt gttgttatat aaaatcactg 60
 tataagccta atgagttaat agatgcaggt acagatatat aagatggctg gacaaagacc 120
 tccagactgg ctgaagaatt ataacattgt gctgcataac atttcaaact gatggcgcat 180
 ctgctatggt aatcatggcg gaggataagg ctctaggcca tgggttataa gccgaaggca 240
 tatatgaggt aaagcagatg tgtcaacaa atcatctctg acatctttat tatagtacca 300
 cagctcacct ctctgaactt ttacctagg 329

<210> 82
 <211> 327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (232)...(246)
 <223> similar to gi1196433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 82
 tagaaaacaa atggagcaag aattaggcga tactcaaaat aataaaaata cttagaatta 60
 acttaatcag aggcaaaaga cttggataac aaaaaaattc aaaactgctg aaagaaatta 120
 aagaagacat aaataaatgg aaacacatcc cacattcatg aactggaaga cttaatatgg 180
 ttgacatgtc aacattatcc aaagcaacct acagactcaa tgcaatccct atcaaaatcc 240
 caacaaggga tagtaatctt gaaacaaggg acaatagaca aaataatctt gaaaaagaat 300
 aaagctgaag cactccatt tcttgat 327

<210> 83
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (68)...(292)
 <223> similar to gi244774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 83
 caaaattcat atgaaaatgc ttttgcattg taaaagagga atgaagtcca gaggtctcta 60
 cttcccgatt tcaaaacact actaagctac aataatcaag acaaagtggc actggcgtaa 120
 gcatagacat gttgatcaat ggaatagaat cgagactcca gaaataaatt ggtatatatta 180
 cagtcaattg agttcagtaa ggataggaag aaaattgaat gagttaagat taatcttttc 240
 agtaaatctt gcttgggcaa ttggatatgc acatgtaaaa gaatgaagtt ggtctcc 297

<210> 84
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(284)
 <223> similar to gi3599347 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 84
 aacagtgtga tgctggcata ggagcagaca tacagatcaa tggaactgat ccgacagtct 60
 agaagtaaat ccatgtatta tatatttatg gtcaaattgt tttccacaga ctaccaagac 120
 aattcaacag ggaaattatc ttttcaacaa ctgggtgccag gaaaatggtc cacatgcaaa 180
 agaatgaaac tgggtctcct aactcacacc acacgtaaaa agtaatcaaa atggatcaaa 240
 gatctaaatg gaagggataa aactgtgaaa cttttagaaa agataaatgt aaatc 295

<210> 85
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (37)...(391)

<223> similar to gi483916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 85

```
ggcacgagag ctggcttttt tccataaatt ataaacctaa aattcatatg gaaatgcaag 60
aaacacaata gttaaaacaa actggaaaat gaagatagat gactcatact tcctgatttt 120
caacttact gcaaagctat acagtgatgt aatggataaa gatgaacata caggtcattg 180
taatagaatg gagtctctag aaataaacc ttacatttat gaactgttta tttttgaaaa 240
gggtaccaag actattcagt gggaaagaag aatcttttca acaaaagggtg cttggacaac 300
tgaatatcta catgcaaaat aatgaatttg gacctttacc tcacaccatg tacaaaatta 360
acttaatgga tcattctacca aaaagtaaaa ctataaaata tatattctta gagg 414
```

<210> 86

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> similar to gi3776069 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 86

```
ggcacgagga accagaagcc agttcctgct gttcctgtcg agaagtctgg cacatcaggt 60
ggtcctccca tggcaggagg gaagaaacc agcaaacgtc cagcctggga cttaacgggc 120
cagcaatggg acctacatgc agaacttgaa cgtagcacat gaaagactcg gacgggtgcac 180
ctggagaacc atacctttta ggaccggctc gtaaattgcc attgtcagag caaggccctg 240
gtgacagagc gcacaacact ggaggggcta tttagccaag gcacaggcca atgctgaaca 300
aggacaactg gagctgtcta aattgcgagc tagtgccacg tacgtctatg atcatatgaa 360
gaatctcttc gatttggggc gaaaag 386
```

<210> 87

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(382)

<223> similar to gi56525 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 87
ggcacgaggg agtggctatg ttaatatcag ataaagtaga cttcagagca aagacaatta 60
tcagagatag ggagataatg ataaaagggt caatctgcca gtaagacata atagtcctaa 120
atgtatatag accaaacaat gaaattgcaa aatatgtgaa gaaaaactca tagaacttaa 180
aggagagaaa cagatgattc acagtcatag ccagagactt caatattctt ctttcaacaa 240
ttttgataga actagacaga aaaccagcaa ggatataggt gaactcaaca ccactaactg 300
acaaaatcta gttgacactt acagaacact ctacctaata agaatacaca ttcttttaaa 360
gtgcttatgg aaaatatata tcaagataga gtatatcctg agccataaaa at 412

```

```

<210> 88
<211> 800
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (350)...(778)
<223> similar to gi395145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 88
ggcacgagcc agccaaaggt aaactcactg aaaactctgt taaatgctag atgatcatal 60
aagccaccat agtgaagggt ggcggaagac aagacaccat agtgaagggt ggaggaagac 120
aagacaccat agtgaagggt ggaggaagac acacttgatg ttttccaagg ccacacattt 180
actaagggtg cagaagtgga aataatccca ggggtcatctg ctttggggcc agtggttctc 240
ccaggtgagt ccatgaggtt tagacagagg agggtcagcc atagaagtgg agaggatttc 300
tctggggcca gacagtgtgt tgtttattcc acagagactc caagcacccc aagtactgca 360
tcgagctgag cgcccagcct gtgggactta tccgggtaca caaggtccta gtggtgggca 420
gcaccaaga cagcctgcat ggcttcaccc acaagggtgca gccccagca agcagcagcc 480
cctccacgcc tatgtcccta gccccactt ggcaagagag tcctctgggt tccccacccc 540
agaaaccgtt ctttccactg taagccctga gccctccaca gacgctgggt gttccctgcc 600
aggggaagaa gctgtggaca gtgcagatgc ccgcagccat cctgaccatg aacctcctgg 660
agcagcattc ccggggcctg caggccgtca tggctggggt ggccaatgga gaggtccgca 720
tttatcgtga caaggccctg ctcaatgtca tccacacccc ggatgcagtg accagccttt 780
gctttggcgg gtacgggagg

```

```

<210> 89
<211> 431
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (9)...(431)
 <223> similar to gil656045 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 89
ggcacgaggg acatcattca aacaaaccag aatatattca gatgctaag cctccactga      60
cccagaaatg gaacatgtta aatggtgaag ataaggatct cttcccttta cctgagtgcc      120
tatcttcagt tgccacagca ctgcactctg gctttcttcc atactgtgaa cctgtgtaag      180
agacaatgag gaaaacttgc ccaagccatg ctaaccaatg ctcaaccaga tcaatatgaa      240
cctccacata acgattctat gctagcgtct cttgatttac tgacgggcct ggctcgaaga      300
ctcgaacgca acatttccac atctggtacg cccaagtaac actctaacac taatgcattc      360
acggatgcta gattaaatgc tcaaaatccc acagagctat tctaccctct taaggacctc      420
accaaacctg g                                     431
  
```

<210> 90
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(258)
 <223> similar to gil89597 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 90
ggcacgagcg tgactaagat ggaagcgttt ttgggggtccc ggtgcgcact gtggtactca      60
gagtattgct ttcctgaaga actcactcac accttcatga gctgcaatct cattactgga      120
atgcatcagc gactggacta gctgaggact aatgcctctt tcagcgtcat ccttggtgtg      180
accggcaatt gcagcttcat cgctggcgtc tggaggctct acaatcttga cattcgcat      240
atgattaata ccgatcttat cagagtcttg aaaagcccat agatccacag agcccttcga      300
gcaccacgca tgaagatcca tcctagagtc ctagataata acccactgaa caacttgaga      360
atccg
  
```

<210> 91
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (69)...(393)

<223> similar to gi296669 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 91

ggcacgagat	attttaatta	tttgcttttt	atTTTTtTgt	tatctgttac	ttttggTTTT	60
tttttttggg	ggcaaagcca	aaacctggct	caatggccca	gccggaaggc	caggggcaaa	120
accCGggcaa	acggaacccc	ccgcccccg	ggtcaaggca	atcccccaacc	ctaaccacaac	180
ggagaaccta	ggactacggg	ccccggccac	aagccccggc	aaatttttga	attttaaaaa	240
aaaccggggt	ttccccaggt	gggcaaggcg	ggcccaaacc	cccgacactg	gaaaccccccc	300
ggccaaaccc	cccaaagggg	cggaatcac	gggctggacc	caccgccccca	agctcggaac	360
caggTTTTtg	aaccggaaat	accagggggg	ctggcaan			398

<210> 92

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(287)

<223> similar to gi763431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 92

gaacctcccc	cgattggtga	gaccagaggt	tgatgtgatg	tgacttgctt	ttcatgccta	60
tgtagaggca	tttttgataa	attacttata	tgttatagcc	agcagccatc	cttcacctt	120
agttttatgc	cccggaaactc	ctgttctttg	ctaaaaggta	gaagctgctt	ttgcagaatg	180
ttgccaaagt	gctattaccg	cttgccctgcc	tgttgccaaa	gctcgatgaa	cttcgggatg	240
aagggaaggc	ttcgtctctg	caaacagaga	ctcaagtgtg	ccagctcgtg	cc	292

<210> 93

<211> 575

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(180)

<223> similar to gi4165018 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 93
ggctcgaggt cttagtattg cacgagctca ttatgttata tttcatacca tttatggata    60
tcactttatg ctattgtaac atatattcca ttctaattat tgtctgagtc aagacaagaa    120
ttactcttac taaggtaaaag caaagcctac aaattcaaaa cctgagtccta tacaaatctg    180
ttagcagttt gagtggctgg gcttcaatat tatactctgg atgtgataca atagataaaag    240
ttttttacgt ctgtaaaaaa aaggaagagc aaaagactct tgggaacatg tgaaatctta    300
aatgaagatt aagtacaacc aaatgtaaac atattttaaa aggttcttct tggacatcat    360
aatttgctct cctatgaaga tgtcatcggt tgagccttta atgttggaag tagcttacag    420
atgttggggc agaaaccaa gaccaacatt gccatgttct gtgagaccac gtccaagtgg    480
atgattgctg gataggtatg tttcatgcat aacatttagt tcataaaaatt atatgctact    540
ttaggaggtc cagggcccat ggattaatga aacaa                                575

```

```

<210> 94
<211> 437
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (91)...(359)
<223> similar to gi2645431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 94
cgctctactc cattagctta gtggccagtt aatgattgac cagagatttc gttaaatgct    60
atgagcctgt aagtctacca gcctttgttg aagggtctgg tatgtgttgt tggggcacgt    120
ttcaatgctc tggaaggcaa ttgacaactc tgccttaact ttcagttcct gcttgacacag    180
ttgctcaagg tctttctcag gctcagacaa atgacagtga ctctgacagt gagtccaaga    240
ggcaggccca gagatcctct gcttctgaga gtgagacaga agagtctgat gatgacaaga    300
agccaaagcg cagaggggtgt cccaggagcg tgcggaagga ccctttgaga tctttcctct    360
gcatggacac agacctgcac atgtcagagc ttttcagagt atctatccta tgaacatctt    420
tcttcccagc tcgtgcc                                437

```

```

<210> 95
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (4)...(470)

<223> similar to gi35315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 95

ccgcggcgcc	tcgacacgag	cgacgtcctg	cagcagatca	tggccatcac	cgaccagagc	60
ctggacgagg	cacaggccag	aaagcatgct	ctgaattgcc	atcggatgaa	gcctgctctg	120
ttcagcgtgc	tctgtgagat	caaggaaaag	acagtggtaa	gcatccgtgg	cattcaagac	180
gaagatcccc	ctgacgcca	gctcctgagg	ctggataaca	tgctgctggc	tgagggcgtg	240
tgcaggcccc	agaagagagg	aaaaggagga	gcggtggcca	gggccggcac	agcaacacca	300
ggtggctggg	ccaaatgaca	atagcattga	gcactctgac	tacagggccca	agctgtccca	360
gatccgacag	atttaccact	ctgagctaga	gaaatatgaa	caggtgatct	ttctgcatgg	420
aagagtttct	gtcatgtgaa	tgcgcatttg	tcaaagcgaa	acacggaacg	ctaaccacct	480
ttctttctgt	gcgcagaaca	gggagtccat	gcagttggtc	gctgcagagg	tggtccattg	540
ttactgaaag	ccctttccat	ttacttaacg	agtcaccgcg	cgggtgtgtga	actacagggg	600
gtggcaggcg	gctgctccgc	tgtggaacct	gctgccctgt	gccaccctgc	tgcttagtca	660
caggccggcg	tgtctgtgct	cccacccag	gcctgtcgtg	agttcaccac	gccgagccct	720
atgaaa						726

<210> 96

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (89)...(338)

<223> similar to gi338057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 96

ggcaccgaggc	tagaccgagc	ctgtgggata	taccaaggca	taggtgcccc	tgggcctgag	60
gagcctctgc	gcctagctgt	tggtgatact	tgcccacctg	aggcctctct	ttttctttcc	120
caagtccccg	tttgtccgca	tcttgatgcc	cttctctccg	tacgatctcc	tgaactttca	180
tgccatgctc	cagtccttcc	ttgagatgat	acactaggct	catcaggcca	tgacatcca	240
cttccatagc	ccggtcttcc	agctcccgcc	aacagaattc	atactagaat	ggctacgatt	300
accgttctgt	ttgcctgtag	atccgtcaca	actcc			335

<210> 97

<211> 1042

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1043)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1028)...(0)
 <223> similar to gi50489 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 97

tttttttttt	ttgttataga	aatctgttta	atggtttagg	aatgtgtaca	ctctggctct	60
gccaaagtct	cataaaggca	acttttccat	gttttaaaaa	atagatttgg	tataaagatt	120
tatatattca	taaatagggtg	gcatgaaaaa	ttaccaaagt	caaagtgaat	acttgcgctg	180
actgaagccc	tggtcaccac	aagtccaggc	cctgcagggg	tccgaggggc	tctgctggag	240
gaggcccaa	ctccggcagc	ctcttaggga	agagaaactg	aattaaatgt	gtattaggaa	300
cccctccagc	tccttaagcc	agcgtcgcac	tggccccacc	gaggcctcag	cccacctccc	360
tctgcttccc	cccgccacct	ccaccattgc	cccctcccct	gcactctggc	ccctgacccc	420
acctgttccc	actctttggc	aatttatcaa	caaaggaaga	gatgacactg	ttctccttcc	480
gccccagagc	ccgggctgcc	gggagagctt	agcctgccaa	ggggaggaaa	caagccggct	540
ttgttttgtc	tcacacactt	cccgtcttcc	actccagccc	cagttttaag	ggccggaagg	600
gcagtggggc	cncctcctg	gtgggataca	gcaggcagga	gcccctgcaa	ccccaggtac	660
aggtcttgag	tccctggaca	ccggcttttg	tgcctgagag	gggtgggaa	cgcttctctg	720
taggaaatgg	cttcagtcca	ggatccaggg	gtaggggaaac	ctcgaccatg	gggtgggttg	780
ctcctgccag	ggggtaactt	agcaaggccc	caggggtggag	ccagttctgg	gactgtgtcc	840
agctaggcat	ctgtgacccc	aaatngcatg	aataaaaagg	caggttgcta	agagccaggg	900
gaggncatgg	ggcagggaga	ccaggttggc	ccagacagga	cagaggtgct	ccagggacag	960
ggtgctggag	tgaagccagg	tggagcgggtg	gagctgtgga	gcctttgaaa	catcctgatg	1020
gccagggcct	ttgttcccaa	ga				1042

<210> 98
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> similar to gil495696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 98

tacgaatttg	gaccatctac	gtcacaggaa	ttctgcacca	gtagccttta	gacaaccgca	60
gaaagcttcc	atgatttgaa	actaactgac	atacatgctg	ttggcatgta	ctgaatggac	120
ttggagctcc	agctaaagaa	caatgcatct	aaacttttga	gtggccatta	tggaaagcag	180
acatgacagt	gagaatgcag	aaagaattct	ttttaacatg	agaccagag	aactgggtgga	240

tgtgatgaag	aatgcctata	accaaggatt	gtaatgtgac	catgggtatg	atcgggtaat	300
actttattgc	aggagcctat	tgctagacta	tcggtctaaa	tttgtcttgt	cactaataaa	360
gactcccatc	caacaccgct	cttcccgatc	ctcaaggag	gag		403

<210> 99

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(316)

<223> similar to gi244774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 99

ggaacgagac	aacatataat	aacataaaga	atatgacatt	cttagggata	aatatgacaa	60
acgatgcata	aacacctgca	tacagaaaac	tacaaaactc	ctgaaagata	ttaaaaaccc	120
aaataaatgg	agaactatac	catgttcaca	aaccacaaga	ctcaatactg	ctgagatgat	180
aattcttcac	aaattgttct	gtagattcag	tgcaacctca	atcacaattt	gaggaggctt	240
tttattaaag	aagatgacat	gctgattcta	aaattgctgt	ggaaatgtaa	aacacctaga	300
atagtcagac	aactttgaaa	acctgaacta	tagtgc			336

<210> 100

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(284)

<223> similar to gi799177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 100

ggcacgagga	aagtcgagac	tcttgccaaa	atacatgcct	tctggattga	ctgcgccaac	60
agagagggtc	tgccatccac	ccgcctgggt	accctatcac	ctgccttcag	cactcgggtg	120
ctgccagctc	aaaccaccga	gtatgccttt	agccttcac	caagtgcctc	acgatgatga	180
tgcccgacg	gacgcgcagc	actacgtacg	cccctaaatg	cataactact	cagtgcctgc	240
tcaacgtcca	acaatcgagt	gccgactgcc	ccaatgatac	tcgtgcctac	tactacaccc	300
atgtaccgta	gtgtaaactg	caactccac	atacgtagt	ctactagtct		350

<210> 101
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(343)
 <223> similar to gi35465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 101
 ggcacgagga ggaactgaat cgcctgcagg gggagctgca ggctgtgtga gactgggtgtt 60
 agccaccgct cactgcaagc actgcctccc tccgggggtct gtaagaggcc gtactagtct 120
 acagacctca ttccccatt ccctgtctgg agccacttac agtgaccact ctacttcatt 180
 aaacatatac gtgcccgcag gcacatcgct gctccttatt gaggaagctg tcacattcct 240
 aacaattaat gggctcatca ctggcgctca gagaggcaga cttgactcca agagcagata 300
 gacttacttt ggaaaactgg gcacgcgcta agcttacatg g 341

<210> 102
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(369)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 102
 ggcacgagct ggaagactat acaaactgat ttcaagatta caaagcttca agaatcaaga 60
 aagtatgata ttacataaaa acaagagatc aatggactaa attatagaat acagaaaaac 120
 atacacatgt atttgtgtgt gtgtgtgtat atatacacia aaaagccttt ttataaaca 180
 ataaactatt tttgttcaca aacatgcaaa ggaattcact tgagaaagag taatttatgg 240
 aatctattca acaaatggtg ttggaacagt ggctcatcat acacacacac acaaaaaaac 300
 ttcaatccat acgtcacacc atattacaaa attaactcaa aatggatcac agacctacat 360
 gtgaaagaaa atcttaaaag ttctaaaagt aaggccgg 398

<210> 103

<211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (283)...(591)
 <223> similar to gill196432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 103

ggcacgaggc	atgcacctgt	agccccagct	acctgggagg	ctaaggtgga	aggatcactt	60
gagcccagga	ggtcgaggat	gcaatgagac	aagatcatgc	cactgcactc	cagcctgggt	120
gacagagtga	gaccttatct	taaaaaaaaa	aaaaaggaaa	aaaggtcccc	agaatataca	180
tttttgggga	tctttatttc	cagggatgac	cactgcacct	aacaacagca	gaatgttctt	240
ctcaactaca	ctaggaacat	tctgcacgct	aggccatgaa	acctcaatag	attaaaaatga	300
tagaatgaat	acacagtatg	ttctctgacc	acaatagaat	gaaattagag	tcaataatag	360
aaaggtatct	agaaaaccca	caaacagctc	actcttaaata	agtcagtggg	ccgaagagga	420
aatcaaaaaga	gaaataagaa	aatacactaa	gaaatacatt	gagatgaatg	aaaatgaaga	480
catggcatac	caaatgttat	gggataaagc	tcaagcaatg	cttctaggga	aatttatagc	540
tgttaatgcc	tacaataaaa	agaaagctct	caaatcagta	atcgattcac	caccataaga	600
cactggg						607

<210> 104
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(716)
 <223> similar to gil86774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 104

ggcacgagaa	tgagaggaaa	tcctatgaat	gtaagggaatg	tggaagacc	tttcttcatg	60
gctcaaagtt	taatcgacat	cagaaaaattc	atactgggtga	gagaaactat	gaatgtaagg	120
aatgtggaaa	gacctttttt	cgtgggttcag	aacttaatcg	acaccagaaa	attcatactg	180
gaaagaggcc	atatgaatgt	gaagaatgtg	gaaaagcctt	tctctggggg	tcacaactta	240
ctcgacatca	gagaatgcat	actgggtgagg	aaccttacgt	atgtaaagaa	tgtgggacat	300
cttttatctg	gggttcacag	cttacacgac	ataagaaaat	tcatactgat	gcagaacctt	360
atggatgcaa	gaaaagtagc	cacatcttta	gtcaccattc	atattttact	gaacaaaaaa	420
ttcataatag	tgcaaatctc	tgtgaatgga	cagactatgg	gaacaccttt	agtcatgagt	480
caaactttgc	tcaacaccag	aatattttaca	cttttgagaa	atcctatgaa	tttaaagatt	540
ttgagaaagc	attttcttca	agctctcact	tcatttcact	cttgtgaaat	attatataaa	600
agtgtaggaa	gggcttttatt	catgactcat	taattgatgt	cattttatttt	tttctcttga	660
ggaacaccac	aaatgtaagt	aatattggaa	ggcattttta	cagagcacac	atccagcagc	720

agcagcagca	gcagcagaga	attcatcatg	caatcaatat	aggaaagaaa	ttactgatca	780
gttatcaatt	gcagaatata	agggtaaaaat	tttatgagat	agcatgaatt	ctttttgaat	840
cattctcaaa	acattctcat	cagagatggt	gcataaagaa	tttatatata	atttggccaa	900
gcatggtggc	tcacacctgt	tatcctagca	ctttgggaaa	cagaggtggg	tggtcacct	960
gaggtcaggg	gttcgagacc	agcctgacca	acatggtgaa	accctgtctc	tactaaatat	1020
acaaaaatta	gccgggcgtg	gtagcacacg	cctgtagtcc	cagctactcg	ggaggccgag	1080
gcatgagaat	tccttgaacc	tgggaggtgg	aggttgcagt	gagccaagat	cacatcactg	1140
cactccagcc	tgggtgatag	aacaagactc	catctcaaaa	acaaaaaccc	acaagaattt	1200
atatatatcc	attttgaaa	tctttcatct	tagcaaaatt	ctgttgatt	tccacaaaat	1260
catgtaatta	atccagaaa	cttgaactat	gtctacaatt	tatttggcat	gtctgttcatt	1320
acatcc						1326

<210> 105

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(526)

<223> similar to gill196432 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 105

tttactgccc	aggctcaaaa	caaaaaaac	ccacaaagca	aaaacttcaa	cctacagcta	60
acatcacatg	tgatggtgaa	agactaaata	ctttcacctc	taaaattagg	aacaaagcaa	120
tgctcttata	tgggtctagat	gtactatatg	tactagaggt	cttagccagt	gcattaagac	180
aataaaaaga	actaaaagca	taaagattag	aacaactata	attactcca	agaagcatga	240
ttgtgtatct	agaaaatcct	aaggatccaa	aaagctacta	ataaatgaat	ttatcaaagt	300
ctcagtatac	atgatgaata	tattttaaaa	aatcaattgc	atttctatat	actaagaatt	360
agaaaatatt	tttaaacatt	tcattttataa	taacaaaaaa	tacttttgtc	atgaattcaa	420
aaaaagttat	gcaaggcctg	tctactgaaa	actacaaaac	actgcaaaag	taaattaacc	480
aaaacccaaa	taaataaaga	aataaaccag	gttcacggat	tctcgtgcc		529

<210> 106

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(325)

<223> similar to gi2224569 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 106
ggcacgagga tcagctacag gaaaaaacact tggagtgtctg aaggccgggtt ccggagggtg      60
aacactgttc tggccatagc gaactgatcg tactgaagct cagatggaag ggccatagga      120
atgcctgcga cggaagccca tgtctcggat catggaggag accactgtca tgcaagaaga      180
ggaagacgag gagtctatag cagctgcccc tggacgtagg ggtcgtacag atggagagga      240
tgatgcctca gcatctagca tgctacagct agagcgctga atagaatgac tctgcatgcg      300
gcagctatgc tttcgcataa agc                                           323

```

```

<210> 107
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(13)
<223> similar to gi288145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 107
gcaggagttc aagaccaacg tggccaacat ggggaaagcc catcactact aaaaatacaa      60
aaactagcca ggcgtggtga cacacatctg taatcccagc tactcgaggc gctgaggcag      120
gagaatcact tgaaccagga ggcagagggtt gcagtgagcc gagatcatgc cactgcactc      180
cagcctgggc cacagagcaa gactccatct gacaactagc tgttccagcc cccagccact      240
tgagtcattc cagctgaggc cccacacacc aagaagcaga ggtgagtcta atccacagag      300
ccctggtcag acatgatgac ggtggcttca cccgggggtc tccgcacagc agcggcctcg      360
ggtaagcaga acctcgctcc ggggtttaca aatccttctt cgtgc                                           405

```

```

<210> 108
<211> 330
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(330)
<223> similar to gi2323287 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 108
ggcacgagaa aggatgcctt tttctatata gcgttacatc ctgactctca atacctgttt      60

```

gccttcgaag	atccctctgg	ccagatgccc	agttaacatg	gacagtgctg	cctcagggat	120
tttgagacag	tccccacttg	tttggacagg	tactgtcaaa	ggacctctct	gagttttccc	180
atcctcaggt	cagggctctg	ccatatgtag	atgacatact	gttttgtgcc	ccaactgagg	240
aagcatctca	ggaaggcagt	gaagctcttc	ttaatttctt	agccaacaga	agatataagg	300
tttcaaaatc	taacatcaag	ctttgccaaa				330

<210> 109

<211> 344

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(345)

<223> similar to gi763431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 109

ggcacgagaa	tttttaggcc	accgagcttc	tataacatgg	tcattgagctc	gggtgcacca	60
tagattttccc	aaagctgagg	ttgcataacc	cctctgctga	ggacagatct	taccgaagat	120
cgcacgaagt	gctgccatgg	agatctgctt	gaatgcgctg	atgacagggc	agaccttgtc	180
gaggatatct	gggaaaatca	agattcaatc	tccactatac	tgattgaatg	ctgtgaaaaa	240
cctctgttgg	aaaaatccca	ctgcattgcc	gaagtggaaa	atgatgagat	gcctgctgac	300
ttgccttcat	tagctgctga	ttttgttgaa	agtaaggatg	tttg		344

<210> 110

<211> 452

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(425)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 110

ggcacgagga	ctcgaggaat	atagaagtaa	catgagtaac	cctatagtaa	agggagttga	60
ttttatagt	aaaagacctt	ctcatgaaga	gaaatccagg	atcaaatacc	ttcattgaga	120
aatctactaa	gcatttatgg	aagaaatatt	agcagatcta	caaagttttt	caaagagata	180
gaagaggaag	gaacacttcc	caattcatct	tatgagacta	gtgtcacc	agtagcattt	240
ccagagaaga	aatacaagaa	actacagacc	actactcctc	ttgaacatta	acttataagt	300
ttttaacaaa	atatattcaa	aactttataa	gtaggatcat	acatcatgac	caagtagggg	360

```

ttatcttgtg gaaaatgttg gtttatcatt cataacccaa gatagttcac catattacaa 420
aatacatata attgtctcaa ttcattgtaga gg 452

```

```

<210> 111
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(755)
<223> similar to gi306782 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 111
ggcacgagcc catgtgtggg gagaccacc aggccctgca gggggccatg gagaagctgt 60
ggagccgctt tatggagctc atgcaggaga gaaggtggac ttgaaggaga gggttgagga 120
actggaacat tgctgcatct agctgtctgg agagagacag acaccatcgg ggagtgggaa 180
gccagggcac ggcaaagaga gctgcacatt ggtcagaggg gccccagcgt ctgagtcctg 240
tcctcctgca ggagagtaca tcgcaactga ccagagccag agggcagtgc ggaaggagga 300
ggagtgcac agcaggctgg cccaggacaa gggagaggtg aaggtgaagc tgctggagct 360
ggcgtggctt gtggacgact gcaacaagtg gcatagcaga ttcttggcag ctgccagaa 420
ccctgctgat gagccactc caggggcccc cgccccccag tagcttgggg ctactgacaa 480
gccagggtag tgagttagt cctcaggcac agtgggcacg caggagcagg ggagggctcc 540
cacagcacc tcctccctc tctccaaaga tctttgtgag gtgagccttg ccagcagtgg 600
ggagtctgca caaggagagg cggggaagca ttctccctgt gacaacccca ctgagcagca 660
gatcatgcaa ctgcttcatt agatgcagaa cctccaggag caccagggct tgggcagcag 720
cccttgcat ccttttttgt accagactga tga 753

```

```

<210> 112
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (43)...(311)
<223> similar to gi9453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 112
ggcacgagct ggggctacca gcccgggcgc accatgttca ccagcaccgg ctccagtggg 60
ctctgtgagt accggcctcc gccatcctgg ctgtccccta cagccaccc taggcacctc 120

```

tttgaggagg	ctggggcagc	ggtgaccctc	gggtttgccg	gaggtggtgg	ggccgaccct	180
ccagacccgc	gtccgaaccc	tgctagttcc	cggtcttggg	ggtcaacgga	aaccgtcccc	240
atttcggcct	ggaggggcca	atggggacca	agccccgccg	tccgccccga	ccccacctgg	300
tatccccagg	tgcgcttgcc	agaagtatct	tgacaccagt	agtaattggc	ctggtgccct	360
ggtgccctaa	cttgtcatat	cggaatgtct	ctaattccg			399

<210> 113
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(319)
 <223> similar to gi439877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 113						
ggaagaatat	cctcttcaac	aaatgatgct	gggacaacta	gatatccaca	tgcaaaagaa	60
tgaagttgga	ctgttccttc	atgctacata	taaaaattaa	ctcaatgtga	tcaaagacct	120
aaatataaag	agctcaaaact	atgagaaaag	acataggggt	aaatctccct	gaccttggac	180
ttggcaatgg	tttcttaaat	atgataccaa	aagcacaagc	aactaaagaa	aaaataataa	240
attgggcttc	aacaaaatta	aaaacagaaa	gtgaagacaa	ctcacagaat	gggagaaact	300
atttgcaaat	cacatatatt	gtatctgtta	cctgtattat	gttacttata	tctcgtgcc	359

<210> 114
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(333)
 <223> similar to gi562757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 114						
ggcacgagga	tgctcaatgg	ccttgatgtc	ctccgcaaag	taaacatgtg	aagtactctg	60
gggattcaca	tgatagtgcg	acgtgcgagt	cttctgactg	tgtgccgact	gttatacttg	120
acctttgaag	actgggttca	tactatgact	gctactcaga	ttaccctgtg	ctcattcccc	180
caataatgtc	accctttata	taccacaatg	ataaggtaca	accccagact	ctgtcgacta	240
tcgcaagaca	ggatatgtta	ctcctgacag	aaatcatgct	cattgcggat	cctgctgggc	300
ttttatctct	gtgtttgccc	tggagggcc	c			331

<210> 115
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(399)
 <223> similar to gi285985 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 115

ggcagcagtg	ttattggagt	caagaggagg	taaactcaaa	acacatctca	ttttgtcatg	60
aaaaattcag	ctagtttctt	tggaatttga	agtgtacaca	ttataaagac	ttataaagct	120
taataagtta	aattgaaagg	attattaatt	gatttttctg	tcctttgtat	ttcagggtatc	180
tatcacttcc	aaagttcagg	agcttcagaa	cttattatta	ggaactgagg	atcagatgaa	240
taccatgaat	gctgttctgg	aagaaaatga	gacatgacca	tacctataca	ggtaaaatttg	300
tacacgtgat	ataatttgct	gttacaaatt	acttgtttat	agtctctttc	gtattaattc	360
atcatactct	tataactatc	agtataaata	gcgtggacg			399

<210> 116
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(658)
 <223> similar to gi5726238 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 116

ggcagcagag	cttcaatacc	tggtatttat	cagtagcaag	gcttggccca	gctagaagtt	60
ggaagatggg	gagacctagt	cagctgggga	aaataacaac	tataatacta	tcctatagct	120
agatctcttc	aaccacagag	aaggaaaatg	gtccaaaatt	ccatatgtat	aggccttttt	180
tgccttcgag	aataaccgca	agctctgtca	gcaatgtata	atagaccttg	cacttatagc	240
agtgatatcc	agccagactt	aatccagaca	gaagggaaaa	aacagtctgc	ctccttagaa	300
gaggagacag	aggccccctg	accagcccag	gtcccagctc	ctcttggtatc	atctcgtccc	360
ccttatccag	gccccctttt	gaacctcacc	ctgttagaag	agttcgacct	ggatgcgctc	420
cagcatcact	tcttccttta	caggaaatgc	atagtgaata	tggtcctatc	aaagtacaag	480
tccccctttc	tttacaagat	ttgaggcaga	taaaaagaaa	tctaggacaa	ttgtgtcgac	540
ctggataggt	atattgaagc	ctttcagaac	cttaatcaaa	tgtctgagct	ttcatggaag	600

ggatatcatgt tactttctcaa ctagactctt agagcttcag agaagcaggc ggcttta

657

<210> 117
<211> 348
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (11) ... (259)

<223> similar to gi4760577 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 117

ggcacgagat	tttcatccaa	aacaaacact	ggacttcctg	eggagtgaca	tggttaattc	60
gaaaatcaca	gaagagggtga	aaaggagtat	agcacaacag	tatctagatt	tgacagtagc	120
ccggaacaag	tggaacctga	tgccgaagtc	gatgcagccc	catctaccac	atcttcatgt	180
ggacattgag	attcacacgc	tggtcctctga	aggggtgtca	gtctccttgg	tgattaaggt	240
cctgcttgaa	ctgggtgcaa	ctccatggca	gggaagttgc	ttttggttgc	ctggctgggt	300
ttcccagatc	ccttctgggg	caaggagcta	tcagaccctg	ctttcaag		348

<210> 118
<211> 426
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (58) ... (351)

<223> similar to gi5360093 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 118

ttgcctagca	catggcaggg	tgacgcgcct	gtctgaatgt	gtgaagagtt	cttagtgatg	60
ggtaaagggt	gttctgtgtg	gttttagatt	ctgctcagca	atcctcagat	gtgggtggta	120
aatgattcca	atcctgaaac	cgacaaccgt	caagaaagtc	cttcccagga	aaacattgac	180
cgagtgaagt	acaggccttt	gtgccctcag	cttggacagc	ctcgggtggg	gttgcttggg	240
gtaacctggg	tgaatcaggc	agcaggactg	ggggagtccg	tgctgaaacc	ttggctccca	300
ggctccaggt	gtaacctgcc	cacctcagag	gccacccacg	cagtaacaga	gggcagggga	360
ggcctccttg	gaaagcagga	aaactgggga	agtgtcagga	agttctcttt	aggtttgctg	420
cctttg						426

<210> 119
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(417)
 <223> similar to gi4240195 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 119

agagagaaga	aaagaaggac	caaaggaata	gtcagcagat	atggagaata	atggatgaga	60
agaggaaaga	ggggaaaaag	gagggagaag	acagaatgag	aagtgaaaaa	gagaaaaggg	120
aaaggattaa	agagataaaa	atgagaaaag	aaaagaagag	agaaggaaac	gagaagaggg	180
aaacaaaagg	aaattagcag	ttaaaaaaaa	gatagcgtaa	cattggaaaa	tgaaaaacaa	240
gaaaagtaaa	acagggcaca	caggagggat	ggcagcaaag	gatcagcagc	aagaaaaggg	300
agcgatggga	gggcatggct	ctcagagaaac	ccacccttgc	ccaccagcc	gtccagcccc	360
tgccgcatgc	aggcttactg	aatgaactgc	agccctttct	cgatgtccgc	tcgtgcc	417

<210> 120
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (376)...(379)
 <223> similar to gi5912574 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 120

ggcacgagat	taatacatca	aaatTTTTgc	atatcttatt	aatgtatcga	ataattaggc	60
taaatTTTTg	cataacttat	tgatacatca	gaaggccaac	aacatgaatt	caaggatgcc	120
tatgtttctg	tgagtgaaac	agaaatgtct	agtgcccagt	ctattgtacc	tactcttgaa	180
attgccagt	ctcagtatac	acctttgggt	gtcattgctg	aagatgttga	tggagaagct	240
ctatgaacct	tccttttgaa	taggctaaaa	gctggctctc	aggttatagc	agtaaaagct	300
ccaggtttgt	tgacaataga	aagaaccagc	ttaaagatat	ggctcttgct	gttggtggtg	360
cagtgttttg	agaagggggg					379

<210> 121
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> similar to gill196433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 121
 ggcacgagac tctttccaca tctattcaac actgtgtggg aggttctagc gagagcaatt 60
 tggcaagcaa aaagaataaa agtcatccag attagaaaga aagaagtaaa atgatctcta 120
 tttggagatg acataatctt gtgtaaagaa aaccctaagg aatacacaca cacacaaaaa 180
 aaaactatta gaggtaataa atggatgcag caaaattgca ggatgaacga ttatatacaa 240
 aaatcaatta gttccatact ccagcaatga acaatctgaa aataaaaaatt taaaaaaaat 300
 ttcatttata ataacatcta aaaaaataaa atacttggga atataacacc taaagtcac 360
 t 361

<210> 122
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (264)...(371)
 <223> similar to gi695632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 122
 ggcacgaggg gacttcacag gctcggagtg aggattgaat gatgcagttt gcacagaggg 60
 cttagcacag gacctggcac attgcaaggg cccaagcaa catgtgggaa ggggcgtgga 120
 acaggtaaca gccggccatc tgggatgaag gccatggngt gggccgtggt cataaggggt 180
 ggggtcccaga tgacaagggc agctgaatgg agagggtgca gtgcagccgc acctgcctc 240
 tcggccacct ggctctgcag ggagtgggtga ccatcaacaa gaagaggaac cttgtggtgt 300
 ctgtggacga cgggtggcacc ttttagtntg tttgcaccga ntgtggaang ggacctcgnt 360
 ccaccaggac c 371

<210> 123
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (121)...(290)
 <223> similar to gi1906810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 123
 ggcacgaggg gagaaggcgg ggctgggcct cagcttccca aagggttttg aggaactggg 60
 cttttctgac accctcaaag gtcagaaggt taaaggggca gaaggcattc ggaaagctcc 120
 cctcccacag tgacacctct ctgacttctg acctaggggt ccaccaccgc ttcaatccca 180
 atgcctccag ctccctcaag cccagtggga ccaagtttgc cattcagtat ggaactgggc 240
 gggtagatgg aatcctgagt gaggacaagc tgactgtgag tggcctttga ctccaggaag 300
 cctcgagcct gggagaacct tgtgtctaa gatcatctgg cttagggagg ggcttgaggt 360
 gcaggggctt cctgagccga tggatggggc tt 392

<210> 124
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(367)
 <223> similar to gi2072971 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 124
 ggcacgagat gctgttgaaa agttgatttg agaaggaaat gccaaataag actcaaaaga 60
 aaatactaga aattaataag aaaactaaca gaaacaagga atgcctttga taggttcac 120
 aatggactgg acacagctga ggaaaaagat caatgagcta aagatatgtc agtagaaacc 180
 tctcaaaactg aaatgcaa atgaaaaaaa gactaaaaaa taaaacagaa gagaatatcc 240
 aagaactatg ggacaatttc aacacaagta acatgtgcta aattggaata ccagaagaag 300
 gaatagagaa tgaagcagaa gaaatatttg aagtaataat ggcagataac tttccaaaat 360
 taatagacac caacaatac atccaaga 388

<210> 125

<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (128)...(378)
<223> similar to gi5832878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 125
tgcattgttta ctttattaga gtaggaaggc tactggcatt aattattaat accaaatatt 60
ttagccttaa atttttgtca ttttaaaatc tgatttaatg ttttctgctg ttttaaggctc 120
tgggaggctt tcaattgcat tttatatgac agaatcactc ttttttgtgc tatttatggt 180
cttgcttata tataaccttt acttggttaa attgtgattt ttataacctt ccactttctca 240
gttctatatt taactttttt tattattctt tatctttggt tattttatgt tgtacttctt 300
cgttttttat tttattacgt tctgctttta tgactctttt gtttctagta ttcttttctt 360
tattgcttac tttatttatc ctgttt 386

<210> 126
<211> 370
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (121)...(363)
<223> similar to gi5832878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 126
gctgatgttg gggagacgga cctcagtgtg ttttatattg tctggtgtta agatgataaa 60
ttacttggtg attacgagca aattttctat ttgacaaagc ccttggtgga gtccaaatga 120
tttttctgta ctatattggt cttttacaca tacctatggt atgattatat tcacactttc 180
atatacatg ttctcttaca cattcgtttt ataggtatta tctttcattt tcaatgtggt 240
tcttttacta tatatttctc tttatattat actcttttac ttatatttat tattttcttt 300
ttattttctt attctaactt tttactatta ttaatatatt ttttttttct cttcttttta 360
tattatttat 370

<210> 127
<211> 1175
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1177)
 <223> similar to gi5441611 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 127

atcgacgtgg	acgaggacgt	gatggagacc	gtgaagatcc	tctacgtgcg	caacctcatg	60
atcgagacca	ccgaggacac	catcaagaag	agcttcggcc	agttcaaccc	eggctgcgtg	120
gagcgcgta	agaagatccg	gacctacgcc	tccgtgcact	tcaccagccg	cgaggatgcc	180
gtgcatgcc	tgaacaactc	aaccggcact	gagctggagg	gctcgtgcct	ggaggtcacg	240
ctggccaagc	ccgtggacaa	ggagcagtac	tcgcgtacc	agaaggcagc	caggggcggc	300
ggcgcggtg	aggcagcgca	gcagcccagc	tacgtgtact	cctgcgaccc	ctacacactg	360
gcctactacg	gctaccctta	caacgcgctc	attgggcca	acagggacta	ctttgtgaaa	420
gcaggcagca	taagaggccg	agggcgaggt	gcagctggca	acagagcccc	agggcctagg	480
ggttcctacc	tcgggggata	ttctgctggc	cgtggtatat	atagccgata	tcatgaaggg	540
aaaggaaagc	agcaagaaaa	aggatatgaa	ctggtgccga	atttggaat	ccctaccgtc	600
aaccagttg	ccattaaacc	tggtacagta	gccatccctg	ccattggggc	tcagtattcc	660
atgtttccag	cagctccagc	ccctaaaatg	attgaagatg	gcataaactc	acatcagtg	720
agcacatgat	cacgtcccat	tgctgtgcag	ccgagaccca	gcccagctac	gtgtactcct	780
gcgaccctta	cacactggcc	tactacggct	acccctacaa	cgcgctcatt	gggcccaca	840
gggactactt	tgtgaaagca	ggcagcataa	gaggccgagg	gcgaggtgca	gctggcaaca	900
gagccccagg	gcctaggggt	tcctacctcg	ggggatattc	tgctggccgt	ggtatatata	960
gccgatatca	tgaaggga	ggaaagcagc	cgccgcagcc	gctgtcattc	ccactgtgtc	1020
gacgccacca	cttttcagg	gccgcccatt	aactccagta	tacacggtgg	ctccaaacgt	1080
tcagagaatt	cctactgccg	ggatttacgg	ggccagttac	gtgccatttg	ctgctccagc	1140
tacagccacg	atcgccacac	tacagaagaa	cgcgg			1175

<210> 128
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(393)
 <223> similar to gi439877 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 128

ggcagcagtg	cttatcaaaa	gacaccatta	agaaatcaac	tggcaagctg	tagaataaga	60
ggacatatcc	gcaaaccata	tatctgacaa	aggacatatc	cagaatgtat	agagaaccca	120
taaaactcag	taataaaaag	aagaacctaa	ctaaaagaca	gaaaaaagac	ttgaagaaac	180
gccggacaaa	agatggccca	atacatatc	gaaaaagtat	acatcatgga	tcatcagaaa	240
aatgcagttt	gagactataa	taagatacta	ctacgcatac	ccattagaac	agctaaaagt	300
agaagattga	caacacaatg	aaaagattgg	caagtgtctg	tgaggatgtg	aagcaaccca	360

```
aactctcata cattattggt gggggtgtaa gtaaaatggc acaactactg tcgacaaaagg 420
gcttgaagtt ttctgt 436
```

```
<210> 129
<211> 669
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(670)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (5)...(669)
<223> similar to gi2072958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 129
ggcacgagac agactccagt aataaaaatc agaaatgaaa gaagacattg caactgatga 60
tacagaaata caaatgatca caagagattt ctagaaacaa ctatataata ataaaatttg 120
acaacttcaa agcaatggat aaattcctag gaatttacca agcctgactc atgaagaaat 180
aaaaattcct tgtagaccaa taacgagtaa ggagacgtaa tctgtaatca aacagggtccc 240
aacaaggaaa agcttaggac cagtgacttc actgaagaat tcttgagcc atttaaagaa 300
ctaacaaaaa tccttctcaa actcttgcaa aaaatttaga acaaacctcc aaattcattt 360
cagaagtcca gcattaccct gataccaaaa tcaggcagat actttaagaa acgaaaacta 420
caaaccaata tcctgatga atgtcgatgc aaaaatcttc agcaaaacac tagcatgctt 480
aattcaacaa cacattaaga gttacaccaa ttacttttag aatgcaagaa gatgggtcaa 540
tatatgaaaa tcaaattaag acatcacatt aacaaaataa tgggacaaaa accacatagg 600
gccagggggc agtggcttca tgcctgttaa tttccagtac tttggggagc ccgtgggtgg 660
ggcagnttc 669
```

```
<210> 130
<211> 321
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (4)...(25)
<223> similar to gi4884104 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```



```

<400> 130
ggcacgagga gccaggagg cctccagggg ttccttggtg aggctcaccc ggacaatgcc      60
tgcagcccca ttgccccacc acccccagcc ccggtcaatg ggtcagtctt tattgctctg    120
cttttaatac ttcactgtat tttgacctca cggattttcg cgtccatttg gctatattta    180
ttgacttttt actacaatct tccttttcat cataattgct ctaactttca tccttgtttt    240
aacctctttc attttattcc tattttttct catgacttat catccctgc tcaatccctt    300
tattatttta tatttacaat g                                     321

```

```

<210> 131
<211> 439
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (9)...(288)
<223> similar to gi2065209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 131
ggcacgagga aatgcggatt aaaagatggc ccactgtgag tgagctagca atgcctgac      60
tcccttggtt taatgtagag gaagggatcc aaaggtttaa ggggattggg atggtggagt    120
ggattagtca cttagacag actcatccca gctggaagg accaatgcct tgtgcaatag    180
atttgtaga gcagcacctg cacctttgaa aagccctgta attgcttttc tctagatgtc    240
agatctaata gtgggaactg cagtcactta aatacaaaat ttaaattccat gcctatattt    300
gttgacgac tatttacaat agcaaggat gaaatcaacc taagtgccca tcaatggtag    360
actggataaa gaaaatgtag tacatatata tcttgaata ctctacaggt ataaaaagaa    420
tgagatcatn gtctttgca                                     439

```

```

<210> 132
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (6)...(301)
<223> similar to gi187171 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 132
cagcccgtaa ggatgatcta cctccaaata tgagattcca tgaggagaag aggctggact      60
ttgaatggac actgaaggca gggtagagaa aaggctagcc ctcgaaagtg aataagggct      120
gggagggcca agaagatgat tagacgggtga gggactgagg gatcagctga tgagttaagc      180
ctcaacacct gtcctagggc tttgcagatg gccctcaaac gtgtttacac cctcctgagc      240
tcctggaact gcctagaaga ctttgatcag atcttctggg gccagaagag tgccctggct      300
ggtcagtggg tccccgaggt ctccataatc ccttaatggc ccctctggat gactcatcac      360
actccacagt cccccgtaac tctttgcaag aagagacctt atcatatctg gtcaactcag      420
agaggccttg agaatgaaaa cgcagaagct gggttcaggg agggttatat acctgaaccc      480
ctggggtaga ttttgagaaa gggatatgca ggctgtggta catatatcct cctttcaccg      540
cccaccaaag agaacgttcg ccagtgcctg caggatgatg agttgttcag cttccctcgt      600
gcc                                                                603

```

```

<210> 133
<211> 332
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (133)...(264)
<223> similar to gi347319 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 133
ggcacgagga catctaccga ccctacttta ttttttagga aaactttgta gcggccttat      60
caaggtccag cccagagcat tgcacagagg ctgtgccatg taaacactca ctgaccccat      120
ggcgagtgac tcccttctca cctttgcttg tgtctgctag agacagaatg gatgaagcgg      180
aaggcgtctc ggaggggagc ataggaagag gaggaggagg aatacgacta ctctggagag      240
gacatgaagg ctatcatgga gcgtcacaga gaggaactca ggtactacca acttgtgaaa      300
gatgatcttg aaagattaga tggaatagcc ag                                                                332

```

```

<210> 134
<211> 373
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (128)...(364)
<223> similar to gi535586 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 134
cccacgcgtc cgctcctgac cgggccttca ggggtggacag agggaggatc ggtcatggca    60
gccacacctg ggcttggcct tgctccggga cctgccagag gagctggcct ggctctgtgc    120
ctgcctgcct ccaggagcag gacgggtggct gggagggtag tgactgggga cacagggtgca    180
gggtgttagtg caggaccgga aggggtgaggt ggcctgggcc tcggggctcc tggcctgggc    240
tggctgaggc aggactctgc caaaagtccc ctgccaggcc tcatggtggt gctcctgggtg    300
gcagtggctc tctggccgcg ggcctgtct gtgtctccgt ggtggctctc acagggctct    360
ccagacactc ctg                                                    373

```

```

<210> 135
<211> 335
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (335)...(21)
<223> similar to gi456090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 135
ggcacgaggc tgaacttcag gtggatgatg agacaaaata gaccgatagg aatcgtctgg    60
ctatatactc cttgttgcca ctgctgagtg actagactgg cccagagatc cgcgggtgcac    120
atgctggccg ctccctccctc agaaaaaggc aatggcctaa atactgttta aatgacctga    180
ctcgatgctg tgggaaactg gctgctctgc tgcatgccgt gtgactgtca gtccaaccgt    240
tacatttgcc acgttctcca cacgggggat agacgcaatg cgcccaggtc ccagttttct    300
ttggaggcag cagctctcgc agggctgaat gttgn                                335

```

```

<210> 136
<211> 543
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(397)
<223> similar to gi5689485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 136
cagaaagaga agtagttgtg agacaacttc aacaaaaaca gggtgacgtc ctaaacaatc 60
aacaacaaaa gctttgctgg atgcttcatt gcgtcactgc gtccattgag aaagtgagat 120
gtaggattca aggaagaaat taggtcagat gagaattcaa tttcaagaaa aatggaatca 180
acttacagcg actataaaat gtactaagga gacgcaaggc cacgtacaaa aacttgaaat 240
agaaaattct agtggttaaga aatacaatta aaaagcaaga tggccaaatt gagcagcttc 300
agaaaatcct gcgaagttca agtttgatgc agcagttatt gcaagaaaat gaaactacag 360
aaatagatga agcttcttct gaattttaa ctggatcctc tgtagcagag gttcccaacc 420
tacaggccat ggacagggtc atgacctgtt aggaaccagc tgcacagcag gagagttact 480
gtggatcttc tagatcatct gcatgccatg tgaatcttaa aaccagtttt taatttctac 540
aaa 543

```

```

<210> 137
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (92)...(298)
<223> similar to gi3600028 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 137
agatgaaggt gatgaagaca ggttggacaa tgcagtcagg ggccctgggc ccaagggggc 60
agttgggacg gtgtcggaag ctgagcttgc tgggaggtc accaaagtaa agaacagccg 120
gcggatgctg tcaaataagc cacaggactt ccagatccgc gtccgagtga ttgagggccg 180
acagttaagt ggtaacaaca tatggcctgt ggtcaaagtt cacgtctgtg gtcatactca 240
ccgaacaaga atcaatatca tgaaactacc ctatttttga tgaagtagta tttcaatcag 300
tcaatgttat cccatctgat tacgtgcatt agatatccg catccaggtg aattccttcg 360
aatttctgac aattacctta taaatcgcat gtcattgata acg 403

```

```

<210> 138
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(347)
<223> similar to gi530878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 138
ggcacgaggg aagaggggaac gggtcctggc ggtgctttgc aaagggcccg tgttttctgtt    60
gcgggaagct cccggggggtc gcacgtgcgt cctagcccac gcccctcccc tccaactcccc    120
ttcctgcgtg ccccggaacc acctagcgga tacgtctctc tcctccctcc ttgacgcctc    180
tcgtccctcc aaaccatctc ctctacatg cctcacttc gcctctttcc cttccatcct    240
cacctctctc cccaccccg attgccatct cctcatcccg actcccacga ctccatctct    300
gctcgccgtc tcttcccccc ctcatcctct cctctctcta ccccg                                346

```

```

<210> 139
<211> 1672
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1672)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 139
aacctccgcc gccggggttc aggcgattct cctgcctcag cctcctgagt agctgagact    60
acaggcacgc accaccatgc ccagctaatt tttgtatttt tagtagagac gaggtttcac    120
catattagcc aggtctgtct ggaactcctg acctgtaat ccactcacct cagcctccca    180
aagtgtctgg attacaggcg tgagccactg caccaccac attaaacttt tattacttaa    240
catactctgag cacttcctgt gagccaggca ctatgggaga ttaaaaagca ttaaagtgtg    300
tccttgacat tattgtgaag ctctgagaag atgtcatgca aagacacttg cctatgtgcc    360
actgccaccc tctgccctgc tttttgggtc aaggtacctc caagcgctc actcctgcag    420
ctgcattttt ttttatttat ttttttttg agatggagtc ttgctctgtc acccaggctg    480
gagtgcactg gtgaaatctc ggctcactgc aaccttcgcc tcccgagttc aagtgattct    540
cctgcctcag cctcccaagt agctgggact acaggtatgc gccaccacac ctgggctaatt    600
tttgtatttt cagtagagaa gggtttcacc atgttgcca ggctggctct gaactcctga    660
cctcaggtga tctgccact tccgtctacc aaagtgttg cattacggcg tgagcacctg    720
gccacgcagc tgcaatctta ggcccatcat tccactgagt tccgaagaat atagcctttt    780
cctgaagaaa ctcttttctt caatgcttca ggccagttgt gagtctctaa gtaagtggac    840
aggatatcaa acacttgatt gatggccagt atctctgaat gatagttttt ccattctcgg    900
tttctgacca tgtattcctg gattggcaag cgtgcgggtc tgacagagta ttcccgggcc    960
ttttgaaatg tcaccttctt ctgaatgctt tcaccacaa gccaccgag gatgtaaact    1020
ttgttttagat caacatcttc aagagcgtgt tctgagtcag gagtcaggta cacaaggggt    1080
tccaagggaa ataaactaaa gcagtcttct tctgttatgt ctaacaggta actagaaaat    1140
ccatcattca tcttcacaca ctcttcataa aggggactgt ctgttggtgaa tccagtgagg    1200
cagatccaaa atggcctgtc agcttttttg tttgaaccat acaaccttcg aatctgtcca    1260
gccagtctac ttaattctag ttactaagg aatcccagaa gctggagttg accatattct    1320
tcggaaagct gtacccttct gggcctccct catggcgagc aggaattcca ggcttagtgg    1380
atgttctacc ttctttgaca tgtagtgggt catactcaa tcgatacata gtcttggtcc    1440
tgagtgtttg gcttccaaaa gtttgtcttt ggtagagct ctcaggaaac gtttgctgtg    1500
ctgggggcaa atgccgagca ccatgccgta ctgcctgtgg ccaggatctc tcctcctcgg    1560

```

```
cactcgcctt cgcgcgcgat ctgcagaagc tggaagcctt caggaagtcc atcttcacct 1620
gtctcctcta ggatgccttc ctcgtgccaa gcttagcgta atcaggggttc at 1672
```

```
<210> 140
<211> 326
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (9)...(326)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 140
caatccacac tatagaccaa atggatctaa tacacattta taggccattt catccaacag 60
ctgcagaata cacattcttt tcctcagcac atagaccatt cttaggaca gaccatattg 120
taggtcaata aacgagtctt aaaactttcc aaaaaactga aataatatga agcatcttct 180
ctgaccacaa aggaaaatta gaaatcaata acaagaggaa ttttagatac tatacaaata 240
tatggaaata aaaaaatatg ttctggaatg gccaatgggc caatgaagac attaagaaag 300
acaactgaaa aatttcttga aacaaa 326
```

```
<210> 141
<211> 689
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (11)...(559)
<223> similar to gil749794 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 141
ggcaacatac attgtggact ttggcttcag tacaacattc agagaggggc agatgctgac 60
agctttttgt ggcattgtacc cctacgtggc cccagaagc tccctgggac aggcattgca 120
gtgaccgcgc agggacatac aaagcctcag tgtcatactg tatttcagga atacagttagg 180
tagaaggggc aggaactttgc ccttttaactc agggaagcct ccaaacttca agaaaaaatt 240
ctcacaggaa gatatcatgc cccaccactt cttgcccttc aacttgactc attaaaaaat 300
tactaatgct gaacgccagg aagtgtcctt cactgtaact gatgaaaaat ccatgggtga 360
aaagtagcca gaagatgcca ctgataccat acgaagagcc actcctggac cccccaaac 420
aatccagctc atggtggcca tgggatttca ggccaagaac atctctgtgg caatcataga 480
aagaaaattc aactatccca tggccaccta cctcatttta gagcacacaa aacaagagag 540
```

gaagtgtctcc	accatcagag	aactgtccct	tcttccccggg	gttccccacct	ctccttcccc	600
atccactgaa	ctttccacct	tccctctctc	actgatgcgg	gctcataggg	agccagcttt	660
taacgttcag	cctccccgaag	aaagccagg				689

```

<210> 142
<211> 2368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (524)...(2261)
<223> similar to gil228035 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 142						
cgagaaagag	aaagtggaa	ggaagggcaa	gcatctgttg	actgttgatc	agaaacgtgg	60
agagcatgtt	gtgtgtggca	gcacacgtaa	taatgagtc	gagagcactt	tggattttaga	120
aggcttccaa	aatccccacag	ctaaagagtg	tgagggactt	gccacttttag	ataacaaggc	180
tgatcttgat	ggagaaaagta	cagaaggtac	tgaggaaacta	gaagactctc	taaaccactt	240
taccactca	gtacagggcc	agacatcaga	aatgattccc	tctgatgaag	aggaggagga	300
cgacgaagaa	gaggaggagg	aagaagaacc	taggctcacc	attaaccaa	gggaagatga	360
agatggcatg	gctaatagaag	atgagttaga	caacacctac	actgggtcag	gggatgagga	420
cgccctatct	gaagaggatg	atgagttagg	cgaagctgct	aagtatgaag	acgtgaaaga	480
atgtggaaaa	catgtagaaa	gagctctcct	agtggaaactt	aataaaaataa	gtctcaagga	540
agaaaatgta	tgtgaagaaa	aaaattcacc	tgtggatcag	tctgattttt	tttatgaatt	600
cagtaaaactt	atcttcacca	aaggcaagtc	tctacaggta	gtgtgcagct	tatgcaaacg	660
agagggcat	ctaaagaagg	actgtcctga	agacttcaa	agaatccagc	tagaacctct	720
gccaccatta	acaccaagt	ttttaaatat	cttagatcaa	gtctgtatcc	agtgttataa	780
ggatttttct	ccaacaatta	tagaagatca	ggctcgtgaa	catattcggc	aaaacctaga	840
aagtttcata	agacaggact	ttccaggaac	taaattgagc	ctgtttggct	cctccaaaaa	900
tggatttggg	ttcaaacaga	gtgaccttga	cgtctgtatg	acaattaatg	gacttgaaac	960
tgctgagggg	ttggactgtg	tcagaactat	tgaagaatta	gcaagagtcc	tcagaaaaca	1020
ttcaggctctg	agaaacatct	tacctattac	aacagcaaag	gtgccaatg	tgaagttctt	1080
ccatttgaga	agtggctctg	aagtagatat	cagtttgtat	aacacattgg	cccttcataa	1140
cacaaggctt	ttatctgctt	attccgccat	tgatcccaca	gtgaagtatt	tgtgctatac	1200
catgaaagtg	tttaciaaaga	tgtgtgatat	tggggatgca	tttagaggcg	gcttatcatc	1260
gtatgcatat	actcttatgg	tgctatattt	tctccagcag	aggaatccac	cagtcatttc	1320
tgtccttcaa	gagatataca	aagggtgaaa	gaaacctgaa	atatttgttg	atggctggaa	1380
tattttattt	tttgatcaaa	tagatgaact	gcctacctat	tggtcagaat	gtggaaaaaa	1440
tacagaatct	gttgggcagt	tatggttggg	ccttcttctg	ttctacacag	aggaatttga	1500
ttttaagaa	catgttatta	gcatcaggag	aaaaagtctg	cttacaactt	ttaagaaaca	1560
gtggacctca	aaatacattg	ttattgaagg	ctggaatgca	atggcgcaat	cttggctcac	1620
tgcaacctcc	acctccccgg	ttcaagtgat	tcttgtacct	cacctctctg	agtagctggg	1680
attacagatc	cctttgattt	gaatcataat	cttgagctg	gattatcaag	gaaaatgaca	1740
aattttataa	tgaaggcttt	tatcaatggt	agaagagtat	ttggtattcc	tgtcaaggga	1800
tttccaaagg	actaccctc	aaaaatggaa	tacttttttg	atccagatgt	gttaactgaa	1860
ggagagctgg	ccccaaatga	tagatgttgt	cgaattttgt	gaaaaatcgg	acacttcatg	1920
aaggactgtc	ctatgaggag	aaaagtaaga	cggcggcgag	atcaggaaga	tgccctgaac	1980
caaagatacc	ctgagaacaa	ggaaaaaaga	agcaaagagg	acaaagaaat	tcacaacaag	2040

tacacagaaa	gggaggtgtc	aacaaaagaa	gataagccca	tacagtgcac	acctcagaaa	2100
gccaaagccaa	tgcgggcagc	tgctgacctg	gggagggaga	agatcctcag	gccaccagta	2160
gaaaaatgga	agagacagga	tgacaaagac	ttaagagaaa	aacgttggtt	tatttggtga	2220
agagaagggc	acattaaaaa	ggaatgcccc	cagtttaaaag	gctcttcagg	tagcctttcc	2280
agtaaataata	tgactcaggg	aaaagcctca	gcgaagagga	cccagcagga	atcatgaggg	2340
aaggaaaaatg	cagcactcta	aatggccc				2368

<210> 143

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(683)

<223> similar to gi3834293 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 143

cccacgcgtc	cggatggacc	ccaggaacca	cccagacctt	aggacagggg	acagcatggg	60
acacagttgc	ttccactcca	ggaaccagcg	agactacagc	ttcagctgag	ggaagacgaa	120
cccagggagc	aaccaggcca	gcagctccag	ggacaggcag	ctgggcagag	ggttctgtca	180
aagcacctgc	tccgattcca	gagagtccac	cttcaaagag	cagaagcatg	tccâatataa	240
cagaaggtgt	ttgggagggc	accagaagct	cggtgacaaa	cagggctaga	gccagcaagg	300
acaggaggga	gatgacaact	accaaggctg	ataggccaag	ggaggacata	gaggggggtca	360
ggatagctct	tgatgcagcc	aaaaaggctc	taggaaccat	tgggccacca	gctctgggtct	420
cagaaaacttt	ggcctgggaa	atcctcccac	aagcaacgcc	agtttctaag	caacaatctc	480
agggttccat	tggagaaaca	actccagctg	caggcatgtg	gaccttggga	actccagctg	540
cagatgtgtg	gatcttggga	actccagctg	cagatgtgtg	gaccagcatg	gaggcagcat	600
ctggggaagg	aagcgctgca	ggggacctag	atgctgccac	tggagacaga	ggtccccaag	660
caacactgag	ccagaccccg	gcagtatgac	cctggggacc	ccctggg		707

<210> 144

<211> 475

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(476)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(475)

<223> similar to gil408210 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 144
tttgtggttt taatccttat gtcttttttg cagctaaggc ggaccagctc caggtaagca 60
atactcaatt gaccttaaat cttgctggtt atatcactgc attaatcata gcacattgca 120
aacatgtaat atctctactt tgatatctgg gtcacattcc tgggctatgg attctcatta 180
atctgtctga gccttgtgat gccacccctg tttggcactt tgtgaaactt cttctaacta 240
aacttactca tcatgcctgt agagcctcag gcatacataat ttttgctatt gtttcttttg 300
tcacactaat cacttctgct gtaatgtcct ctgtagcttt gcatagttct gttcaaatgg 360
gctcagtatg taggagggac tgggaggcat gcagccaact aaggcatggg ctactttcag 420
tgttaaaatt taacactgag gttacaaact gaagtngggg aatgtttaaa ntccc 475
```

```
<210> 145
<211> 2032
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc feature
<222> (1992)...(232)
<223> similar to gi19867 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 145
tttttttttg ggtgatcaag tcttgattaa atcattcatt cattcaacat ttattgagcg 60
cctactgtgt gctaggcgac cgtgctaggc gcagaaatac agagatgcat aagatacagt 120
ccatgccctt aaggattcac agtctagaag gggagacaaa catgtaaaca agtaaaatac 180
agtgtgataa gtgccacaag agaagcattg acaaagtgc gaggtagcct ggaggggagg 240
ggcacagggg ttgccttcct ggaggagggg gcctttgagg ggatcgtgag agatgaactt 300
gccaggcaga caaggcagga ggagcagggg aaggcattcc agtcggaaga aacagcatga 360
gcgaaggcac agaggcatga aactgcatgt cttgcttggg gagtggggaa ctctaactag 420
tctggtggta ttgctaaagt gtactagagg ctgtggctag agaagggggc agaggccaga 480
tcatgagggg aaactgaggg caggggcacg ttggagggtc accagaggtg agcagagccc 540
gagggcaggg tttgacacag gaaaagaggg ctcttggtct actcaaggta cacctgcctg 600
aggaccacag ggttctctgc tgtggctcca aagggtctc gacccaagag tagaggagca 660
gcagagctgg aggtgaagca gaggggtcgg gccaggtctg ggaccagag ctgccatgca 720
ctcccgcgt ctccagagct tctgatttcc aacctgcacg tcagagcccc ctctgccag 780
ccggatgggg gcctggatcc agtgggaaat cacatgggaa tatggctggc aaactgcaaa 840
gggccagatg agtgtcaggt tacagaataa atctttacta actcaaagaa gaaaagggct 900
gcggataaaa caggaaaggt tagatggagg agggcgggca gacgggccta agaacaaggg 960
ccaaaatgag aatacagcat cggccaaaga ggaccgtggc tgtctctccc ctggcaagga 1020
ggggcccttt tggcccaggg cagaggcaga ggccagtggg tacaaccagg ccagatgtgc 1080
aaggagagca tgtgacctgc aagactgtgg ggctccacac tccagactcc agtgtctcct 1140
tagcccaatg aggagaggtt tcttggcaa tcaggacct ccttcttcca ggctgtaggg 1200
aggccactga ggcagagagt ggccagccag cattccagcc cttcagtgtt cttaggaatg 1260
gctctgtctg aaaaatggct ttgcagggat ggggtggggc gggaggctgt ggggaagagg 1320
cagagtctca ggacaccaga gtccagctgc ccactctgag ggtgcttttg taaggcatca 1380
```

cacttgaggc	cactgtgagg	ggctgagctt	ctttcccaac	catggatggg	ggaagggcaa	1440
gatggaccct	gggttccagg	gctacagtga	gatgaggcct	cctgacggag	aagctaacag	1500
cagcccccat	gtccttgctg	ccgtcccagg	agtagggaag	gaggagggga	ccctcccagt	1560
tggtagggtc	tggagatgtc	ccgagacccc	tcctttcctc	ttgccgttga	tgaggcagcc	1620
tcgcgctgcg	gggttcccag	cctccaacag	gcccccttct	tttggcctca	cagtctcatc	1680
gcctgatccc	tccccctccc	tgagcagtgt	ggggggatga	tgcccgcctg	ggtgccgatg	1740
gagttgggtg	tgttagcgat	gagaaggatg	atgagggtgt	ggtgggtggc	gcctcccat	1800
gcggggagt	ggctgggctg	ggggcgctgg	gggcatcact	tgctcttg	catatccttc	1860
agccggcgga	gctcttcag	gagctggg	cgggagtagt	catcatcccc	agtggggccc	1920
ggccccggcc	ccagagcctc	ctgtagcgcc	aggcagtggg	ttctcaggaa	cgggttgtag	1980
gagcgctcct	ctcccagggt	agatgggcac	gtgcccttgc	gctccagccg	ct	2032

<210> 146

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)...(520)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 146

acttcagcct	gggcgacaga	gcatgacctt	gtcttaaaaa	aataaaaaaac	ataaaagggtt	60
caatacagca	agaagggttta	acagttgttaa	acatgtatgc	tcctaatagac	aaaccatcaa	120
catatatgaa	acaaaaattg	acgtaattga	agggagaagt	acaattctac	attaatagtt	180
ggagacttta	atatcccaat	ctcagtagtg	gatagaacca	tcaaaatcta	agcaaggaaa	240
tataggactt	tcacaacaca	ataaaccaac	tagatctaac	aaccatatac	agaacactct	300
acccaacaat	gaaatacaca	ttcttctcaa	gtatacatag	gataaattcc	aagatagggtc	360
ataaattaag	tctgaattga	ttttaaaaga	cagcaaaata	tcttccctga	ccacaatggg	420
atgaacttag	aatcaaaaa	caaaaagaaa	actggaaaat	ttaaaaatca	tagaaattaa	480
cacactctta	accattagat	caaaaagaaa	accacccggc	attggttgaa	aatcaccccc	540
cggctttggc	catggcagcg	ggtgagattc	ggcgcccgga	gcctccaggg	gcctcagctc	600
accgcacgct	gacacatgtg	cggcggtgaa	accagccccc	aacaggcccc	gcggcctctc	660
cctgggtgcg	gccgc					675

<210> 147

<211> 671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(325)

<223> similar to gi2197085 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 147
aaactat tttt aaatgt tttt attttat cga atagaa ataa atctc acaa atatg cttaa 60
gaacttta ag cggaa accat aaaata ctat tgtgata agt taaaga agac cttaa ataat 120
ggagagat ct gtcat gctca tggatt ggaa gattca atac tgtaat gata tgaat agttc 180
ccaaattgtt ctatag attc aaaac attgc cagtt aaaa ctcagt ggac tttgt ttttt 240
tgaaactgac aagctg attc tgccatt tat aata atattc aaaggg gcaa gaata accaa 300
gacacatttg aagaaga aca aggag gaaga agaac gtatt tgaaga agaa taagga actc 360
tattaagtgt atatct ccta tatatt gaga tacac atttg aaata catct atcac ctaga 420
tattgagata tattata cat ttaata tagt gtgttg ctgg tatagg gata gaaaa atgaa 480
cattggatca gaatag cact gaaaca agat ctacc cctat atgggc atgt ccctatta ac 540
aaaaaa atat tggtg attat ttccg caaga tgatct gtaa aaaaca agtt aattga acat 600
ccatatggga aaaaagt gaa tcctt ctgct acctc aaata tcaac ccag gtagatt ata 660
gatctaaa ag g 671

```

```

<210> 148
<211> 464
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (119)...(384)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 148
aattgagcgc tatcgatgag gctgtagtta cgggctcgac ccacgcgtcc gaaacaattc 60
atcaaagttg cagcatgcaa agtcaatag gagaaatcag ttgctagtgt aaaaaataga 120
aaaggaaatt ttggaaacaa tccaatttaa cagcatcaaa agaataaact acttaggaat 180
cagcttaacc aagcaggttg aagacttgta gagtgaaaac ttcaaacacc ctttaaagaa 240
attatagatg acataagtta ttagaaagac atcctgtgtt tatggattgg aagacttaat 300
attcttaaga tgtcactact acccaaagt atgtacaggt ttgatataat ccctaccaac 360
attccaatta ctttgtataa atagaaaaat ccaccataaa tttcatatga aatttcaga 420
gatcccctaa ttataaaaat aaaaaggaag agccaagttg gagt 464

```

```

<210> 149
<211> 2398
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (74)...(2353)
 <223> similar to gi3327162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 149

cccacgcgtc	cggtcagcct	cagtcttcaa	tgagggaccc	cgtaacagagt	aacccaaaacg	60
cttgttccta	tttcaggatg	tgaacactct	gcaaggaggt	gggcagcctg	tggtgactcc	120
gtccgtccag	ccctctcttc	agccggccca	tccagcggtta	ccacagatga	cctcacaggc	180
acctcagcca	tctgttactg	ggctccaggc	accttctgct	gccttaatgc	aagtgtcatc	240
tctcgattcc	cactcagctg	tatctggaaa	tgcccaatcc	tttcagccct	atgcagggtat	300
gcaagcctac	gcttatcccc	aggcatctgc	cgtaacactcc	cagctgcagc	ccgttcggcc	360
tttgtaccca	gcaccgctct	ctcagcctcc	ccattttccaa	ggatcagggtg	atatggcttc	420
attttctcatg	actgaagccc	ggcaacataa	cactgaaatt	cgaatggcag	tcagcaaagt	480
ggctgataaa	atggatcatc	tcatgactaa	ggttgaagag	ttacagaaac	atagtgtctg	540
caattccatg	cttattccta	gcatgtcagt	tacaatggaa	acaagcatga	ttatgagcaa	600
catccagcga	atcattcagg	aaaatgaaag	attgaagcaa	gagatccttg	aaaagagcaa	660
tccgtagataa	gaacagaatg	acaagattag	tgaactaatt	gaacgaaatc	agaggtatgt	720
tgagcagagt	aacctgatga	tggagaagag	gaacaactca	cttcagacag	ccacagaaaa	780
cacacaggca	agagtattgc	atgctgaaca	agagaaggcc	aaggtgacag	aggagttagc	840
agcggccact	gcacaggctc	ctcatctgca	gctgaaaatg	actgctcacc	aaaaaaaagg	900
aacagagctg	cagatgcagc	tgacagaaag	cctgaaggag	acagatcttc	tcaggggcca	960
gctcaccaaa	gtgcaggcaa	agctctcaga	gctccaagaa	acctctgagc	aagcacagtc	1020
caaattcaaa	agtgaaaagc	agaaccggaa	acaactggaa	ctcaagggtga	catccctgga	1080
ggaggaactg	actgaccttc	gagttgagaa	ggagtccttg	gaaaagaacc	tctcagaaag	1140
gaaaaaagaag	tcagctcaag	agcgttctca	ggccgaggag	gagatagatg	aaattcgcaa	1200
gtcataccag	gaggaattgg	acaaaacttcg	acagctcttg	aaaaagactc	gagtgtccac	1260
agaccaagca	gctgcagagc	agctgtcttt	agtacaggct	gagctacaga	cccagtgagg	1320
agcaaaatgt	gaacatttgt	tggcctccgc	caaggatgag	cacctgcagc	agtaccagga	1380
gggtgtgcga	cagagagatg	cctaccagca	gaagctggta	caacttcagg	aaaagtctgt	1440
ttgttttgca	gtgttttagcc	ctccaggccc	aatcacagc	tctaccaag	caaaatgaac	1500
agcacatcaa	ggaactagag	aagaacaagt	cccagatgtc	tgggggttgaa	gctgctgcat	1560
ctgacccctc	agagaagggtc	aagaagatca	tgaaccaggt	gttccagtcc	ttacggagag	1620
agtttgagct	ggaggaatct	tacaatggca	ggaccattct	gggaaccatc	atgaatacga	1680
tcaagatggt	gactcttcag	ctgttaaacc	aacaggagca	agagaaggaa	gagagcagca	1740
gtgaagaaga	agaagaaaaa	gcagaagagc	ggccacgaag	accttcccag	gagcagtcag	1800
cctcagccag	ttctgggcag	cctcaagcac	ccctgaatag	ggagaggcca	gagtccecca	1860
tggtgccctc	agagcagggtg	gtcagaggaag	ctgtcccgtt	gcctcctcag	gccctcacca	1920
cttcccagga	tggacacaga	aggaaaaggg	actcagaagc	tgaggcactc	tcagagataa	1980
aagatggttc	ccttccaccc	gaactgtctt	gcacccatc	ccacagagtt	ctagggcccc	2040
cgacttcaat	tccacctgag	cccctaggcc	ctgtatccat	ggactctgag	tgtgaggagt	2100
cacttgctgc	cagcccaatg	gcagctaaa	cccgaacaac	catcaggga	aggtctgtgt	2160
tcagggaag	taggcaccag	atgggcccac	ttacaaggaa	aggttccaca	agattgttcc	2220
ctggatttca	ggacccccag	ggagggggac	ccactggcct	tagggcttga	aaagcccagg	2280
gagagcctca	gcctccacag	cttcaaggaa	aggttgatgt	tcactagggt	ccaccggttc	2340
cccacaaggg	agcttttcaa	gaacaggagg	gcaggtttcc	acagttttgc	agggagca	2398

<210> 150
 <211> 651
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(652)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (33)...(31)

<223> similar to gi2230873 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 150

gcgttctttt	ataagagttt	tggtagtgt	gggaggaaga	tgatgacctg	gaagaaagt	60
aagacagtaa	acaatgtaaa	gaaagcttga	aaagagtga	cttcactttg	ctggatgatg	120
aggcaactga	agatgcaggt	gttttaaatg	ttaaagaaaa	ttctgatgaa	gttaaatacct	180
cttgaaaaaa	gacaggaaaa	ggagtcagct	taagtagagc	tccgcgtgtt	ggttgacagaa	240
gtcgcctgtc	ttccccgcag	gaggctgttt	gctcgttttg	acactgaatg	ctcccccaac	300
aaacacgttt	agcttgcttg	cccttctcac	cgactgcgga	gaggagtctc	agtgcacagt	360
cgcagagaag	gcgtgcgggg	gcgtgcaggg	gcgcacaggc	gcctgcctct	gcgggtggga	420
aaggaaggag	gtgcccgggt	ttccgctccc	agggctcagc	ctgccttggg	cacctacggg	480
atgggagcct	ttaacgtgga	aaggaaagga	gatcgatcac	tcgagcctcc	acttgccaag	540
cctgtggaag	cgagacgcgg	ggatcggctg	ggaatgcctg	gaagcaccgg	cgcgcgagag	600
caggaagaag	aaattgtgag	acgaaacgga	atcgctcncg	gggaattcga	g	651

<210> 151

<211> 552

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(552)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 151

ggtctaaata	aatgcaaaga	catcctgtgc	taatagatta	gaagacttaa	tactggtaag	60
ataacaatat	caccaaggc	aatatacaga	ttcagtccca	ttcctatcaa	aagtacaatg	120
gaatttttta	gaaatataga	taaatgcaac	ctaaaattca	caggaaatat	caaaagccaa	180
aacaatcttg	aaaaagaaca	gaaatcagac	ttctcaattc	tgaaacttat	tataaagtta	240
cagtaatgac	agagttacat	ggcataaggc	cagacataca	gacaaattaa	ataggattga	300
gagccagaaa	gtaagccctt	gcatatatgg	tcagttgatt	tttgacaagg	gtgccaacaa	360
caatctctgg	ggaaagaaca	gtctcttcaa	aaatggtact	ggaaaaactg	gatattcaca	420
aacaaaagaa	tgaatctgaa	tgtttacctt	ataccacatg	caacaattaa	tttacaatgg	480
atcaaagatc	ttaactaaag	agctaaaaac	tataagtcac	ggaagaaaat	gcagtaaaat	540

```

<210> 152
<211> 1179
<212> DNA
<213> Homo sapiens

<220> \
<221> misc_feature
<222> (140)...(1170)
<223> similar to gil57409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 152
cccacccctta cccagccaga gaggctggag acggtatcgc gtggccaggg atgtgatgga 60
ggaatcccca gtgccctact ctgtcaaggg aggctcctac taataggaat cagagcccta 120
taaataatgt acctgggtggc aggtaaacat caccctcctg gacatcaacg acaaccaccc 180
cacgtggaag gacgcaccct actacatcaa cctgggtggag atgaccctc cagactctga 240
cgtgaccacg gtgggtggctg ttgaccaga cctgggggag aatggcacc tgggtgtacag 300
catccagcca cccaacaagt tctacagcct caacagcacc acgggcaaga tccgcaccac 360
ccacgccatg ctggaccggg agaaccccga ccccatgag gccgagctga tgcgcaaaat 420
cgtcgtctct gttactgact gtggcaggcc ccctctgaaa gccaccagca gtgccacagt 480
gtttgtgaac ctcttggtatc tcaatgacaa tgacccacc tttcagaacc tgccttttgt 540
ggccgaggtg cttgaaggca tcccggcggg ggtctccatc taccaagtgg tggccatcga 600
cctcgatgag ggctgaacg gcctgggtgtc ctaccgcatg ccggtgggca tgccccgcat 660
ggacttcctc atcaacagca gcagcggcgt ggtggtcacc accaccgagc tggaccgca 720
gcgcacgcgc gactaccagc tgcgggtggt ggccagtgat gcaggcacgc ccaccaagag 780
ctccaccagc acgtcacca tccatgtgct ggatgtgaac gacgagacgc ccaccttctt 840
cccgcccggtg tacaatgtgt ctgtgtccga ggacgtgcca cgcgagttcc ggggtggtctg 900
gctgagctgc acggaacaac gacgtgggcc tcaatgcaga gctcagctac ttcatcacag 960
gtggcaacgt ggatgggaag ttcagcgtgg gttaccgcga tgccgttgtg agaaccgtgg 1020
tgggcctgga cggggagacc acagccgcct acatgctcat cctggaggcc atcgacaacg 1080
gccctgtagg gaagcgacac acgggcacag ccaccgtgtt cgtcactgtc ctggatgtga 1140
atgacaaaacg gcccataatt ctgcagagca gctatgtat 1179

```

```

<210> 153
<211> 712
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(713)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (553)...(6)
 <223> similar to gi6680 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 153

gccggccccg	ggccaccccc	ggagccaccg	cctccttccc	agcgggggttc	ggccccgcaa	60
tctggagcca	agcgtctctc	gcagcctgcg	acctgggtgg	agggcgcttc	aagtcccccg	120
cctccttcta	gcggtgctgg	gccgggggtcc	cgtcggaagc	ccgccagccc	tgggaggacc	180
ctgcgcaacg	ggcgaggcgg	tgaggccgaa	cccctggacc	tgtccttgcg	ggcagggccg	240
ggaggcgagg	ccgggcctgg	gggtgccctc	caccgctgcc	tcttctgccc	gttcgccact	300
ggagccccag	agctcatggc	cttgacacct	caagtgcacc	acagccgccc	ggctaggggc	360
cgccggccac	cccaggctga	cgctcccccg	ccctatgccc	gagtaccatc	aggagagacc	420
cctcccagtc	cttcgcagga	aggggaggag	ggctccgggc	tgtccagacc	cggagaggca	480
gggctggggg	ggcaagaacg	gtagtgggcc	ctcaggggcg	attagcttag	tgagcttacc	540
ccgccggagc	gggggagcgc	tagaggtagt	tgggtagaga	agccagcagg	gggcagcgctg	600
ggacccatat	cccagcccca	ggcggaccag	aggtggaagg	cgcggcgggc	gtangagggt	660
gggctgncgg	ttccaccca	tccaaggga	ggtccagtgc	cttagaagtg	cg	712

<210> 154
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(357)
 <223> similar to gi854159 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 154

agaccggccc	cgctccctc	agctgcgcgc	gaggaggcgc	ccagtccctcg	gggtgaaggg	60
tcgggggatg	gcgaagcgaa	gagtgcccg	tccgggtgtg	gggggagcag	gaggagggac	120
gaagtcgcgc	cgccgcgcgc	cgccgcgcgc	tgacaccgag	cggagcgagg	aaggaggacg	180
agcgggtgaag	gaagcctacc	cttcagcccg	tcagccgcgc	ccgccgtcgc	cgtgaccctt	240
gcgttgccgc	cggcgctgcc	accggaactt	agccccctcg	atgccaat	caaataaggga	300
aggaaaagg	aaaagaagg	aagagaaaat	ccggccgctg	agtcgccgct	ccactcacac	360
ctccgctcgt	gcc					373

<210> 155
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(412)
 <223> similar to gi3043632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 155
 ggaccggaag gaggagcggc tgaggagccc aaggagcggg gcggcgccca ctaggagctc 60
 aggaggcaag ggcgtggccg agtgggaccc acttcctgc ctggaccag aactctggga 120
 tcagtgtgac aacttagaaa atcgatagtc ttgagaaatt catcatatct gccaaaggaaa 180
 ggactgagat tgaactcagc tatacaaaac aactcaggaa tcttttaaag acatgccaac 240
 ctaaaaggaa ctggaaggag aaagaataca ttacgtaaaa ctctccttcc ctccctgtga 300
 acaaaatgag tgatcacgct aggcagcatt aagttatctt ctttgaggtc ttgaactttc 360
 agatcacctg ggagttacaa gggcatgttc aaaaccaaaa gcaggagag 409

<210> 156
 <211> 915
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (287)...(917)
 <223> similar to gi55471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 156
 cctataaaca gactggcaga tgatatagtg cttaatgtct tgccctcagtt tgtcattgtg 60
 tcagaacatc cgaaaaaaga taggagaaaa gttggagttt agggcataat tttcctgtaa 120
 taatttggag ctcaaaaata ttacaatgag aaaataaaaa gctattaatt agcaggagac 180
 ttaatccat gaagaatttc aattagatat ttcttctacg tagtatagtt ataactttgc 240
 attccattgt tttccttctc tatagtccat tgtatttctg tgggggtttt ttttttcagg 300
 ttttgagttc aagaacgaga ttaaaaaaga aaatctaaaa tgggatgatt cagaggaagt 360
 agaattaaac aaggctttac agagaaagtc cagaggagtt tattggcact ctgagctaca 420
 aaaaggcttg gagagtgagc caacatcaag aaggcaatgt agaaattctc caggggagag 480
 tgaggagaaa accccatccc aggagaagat gagtaccag agtttttctg ccagggacaa 540
 agcctgtaca catatcctct gtgggaaaaa ctgctctcag agtgtgcact ctccccacaa 600
 gccagcgctc aaactggaaa aagtatctca atgtcctgaa tgtgggaaaa ccttttagccg 660
 aagttcttat cttgttcggc atcaaagaat ccacacaggc gagaagcctc acaagtgcag 720
 tgagtgcggg aagggttta gtgagcgctc caacctcact gccacctac gaactcacac 780
 aggggagagg ccctatcagt gtgggcaatg tgggaaaagc ttcaaccaga gttccagcct 840
 cattgtccac cagaggaccc ataccgggga aaagccttac cagtgcattg tctgtggaaa 900
 gagattcaac aacag 915

<210> 157
 <211> 590
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (555)...(15)
 <223> similar to gi187185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 157

gagggatact	ctagagcggc	cgccgccagc	tgcgcccca	ccaggctgcc	cggttggtg	60
gggtcaagt	ccacgccgtg	tggcaggaac	tggggcgggt	agccggcgta	ggccccggcc	120
aggctgcctg	ggtaggtcat	accgcggga	ggcagaggga	acactgtctg	gcccggcttg	180
tagggtgaca	cgggagccac	cagcccagag	cccaacactg	aggaggaggt	gggcgcgctg	240
gggccggagc	cggagctgga	gcccgatgaa	ccgccgcagt	ccgagcccag	agccttgcc	300
cccgggcccc	catccggatg	ctggttcaca	tccacattaa	tcccgcgcgc	gcagctaata	360
cggccgtgtg	ccagccccgt	gggtccccct	tggccgcagg	cgcccccggt	gcccttgcca	420
ccgccgccca	cgtcggtgtc	tttcttgteg	tccttgccct	ccggggcacc	cccggccgag	480
gacagcatac	ctcccggcga	gcaggccgag	gcgctggagc	tcgggctgcc	tgtcctgggc	540
gtgaatggct	ggcaggtggc	gctcgggtacc	cggaatcccc	acttctccga		590

<210> 158
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (23)...(326)
 <223> similar to gi406058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 158

cccacgcgtc	cggngacagg	cctggccggc	ctctgcagag	acgtccaacc	tcgtgcgcac	60
gcgcagccag	gccctggggc	agtcggcgcc	ctcgtccacc	gccagcctga	aggagctgag	120
tctccccaga	agaggaagtt	tcctgtgtg	tccaaatgct	gggagaaacat	cacccttg	180
atgaattgcc	accacattaa	ataaaatata	tccaaagctc	nnnnnnnnnn	nnnnnggggg	240
gccgttttaa	aggacccttg	ggggggccaa	ggtttacgcg	ggctggcaag	gtaatatgtt	300

tttccttata gggagccgaa ttaaaa

326

<210> 159

<211> 963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(915)

<223> similar to gi2224629 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 159

ctcctagtc	cctccctagc	ctgtcccttc	ctcctcccgt	tgctcctggt	ggccaggaga	60
gcccttcacc	ccacacagct	gaggtggaga	gtgaggcctc	accacctcct	gctcggcccc	120
tcccagggga	agccaggctg	gcgccatct	ctgaagagg	aaagccgcag	cttggtgggc	180
gtttcccaag	tgacttcac	caaggaaccg	gctgagcctc	ttcccttgca	gccaacatcc	240
cccactctct	ctggttctcc	aaaaccttca	accctcagc	tcacttcaga	gagctcagat	300
acagaggaca	gtgctggaag	cgggccagag	accagggaag	ctctggctga	gagcgaccgt	360
gcagctgagg	gtctgggggc	tggagttgag	gaggaaggag	atgatgggaa	ggaaccccâa	420
gttgggggca	gcccccaacc	cctgagccat	cccagcccag	tgtggatgaa	ctactcctac	480
agcagcctgt	gtttgagcag	cgaggagtca	gaaagcagtg	gggaagatga	ggagttctgg	540
gctgagctgc	agagtcttcg	gcagaagcac	ttgtcagagg	tggaaacact	acagacacta	600
cagaaaaaag	aaattgaaga	tttgtacagc	cggctgggga	agcagcccc	accgggtatt	660
gtggccccag	ctgctatgct	gtccagccgc	cagcgccgcc	tctccaagg	cagcttcccc	720
acctcccgcc	gcaacagcct	acagcgctct	gagccccag	gccctggtga	gactgcagtc	780
accagcttc	catcttttcc	ctgagacccc	tttctgtcga	ctgtttttct	ccaggccctg	840
ggggtctgcc	ccgggggaat	agacccccctc	tccccacctc	ccctttcctc	acttagtgct	900
ctccttcccc	catcctggct	ccaggcatca	tgcaaggaa	ctctctgagt	ggcagcagca	960
ccg						963

<210> 160

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(319)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 160
cgcaacatat aaaaaggatt atacgctatg attgaaaata aattgatttt caacaccatg      60
attaagtgga atttggtcca ggaacgcaag gttgattaaa cacgcaaaaa cctatcagtg      120
tgatacacca tactaataaaa atagaggcca aaaccacat gatcatctca ataaacacag      180
aaaatgcatt tgataaaaatc taacatcttt tcataataaaa aacacatggt gaagggtata      240
tagaaagccc acagctaaca ttataactaaa tgggtgtatat tcagtcttta ctgaaagttt      300
ttcccctaag atcaggaat                                     319

```

```

<210> 161
<211> 968
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(969)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (42)...(968)
<223> similar to gi2105420 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 161
gcaaggggca gttggtgaac ttgctgcctc cagagaattt tccctggtgt ggaggcagcc      60
agggacccag gatgctccgg acctgttacg tgctctgttc ccaagctggt ccccgctcca      120
ggggctggca gtccctgagc tttgatggcg gggccttcca ccttaagggc acaggagagc      180
tgacacgggc cttgctggtt ctccggctgt gtgcctggcc cccactcgtc actcacgggc      240
tgttgctcca ggcctggtct cggcgactcc tgggctcccg gctctcaggc gcatttctcc      300
gagcatccgt ctatgggcag tttgtggetg gtgagacagc agaggagggt aagggctgcg      360
tgcagcagct gcggaccctc agcctccgac cactgctggc agtgcccact gaggaggagc      420
cggactctgc tgccaagagt ggtgaggcgt ggtatgaggg gaacctcggg gctatgctgc      480
ggtgtgtgga cctgtcacgg ggctcctgg agccccccag cctggctgag gccagcctca      540
tgcagctgaa ggtgacggcg ctgaccagta ctcggtctg taaggagcta gcctcgtggg      600
tcagaaggcc aggagcctcc ttggagctga gccccgagag gctggctgaa gctatggact      660
ctgggcagaa cctccaggtc tcctgcctca atgctgagca gaaccagcac ctccgggcct      720
ccctcagccg cctgcatcgg gtggcacagt atgccggggc ccagcacgtg cggctcctgg      780
tggatgcgga gtacacctca ctgaaccctg cgctctcgct gctggtggct gccctggctg      840
tgcgctggaa cagcccgggt gaaggcgggc cctgggtgtg gaacacctac caggcctgtc      900
taaaggacac attctagcgg ctggggaggg atgcanaggc tgcgcacagg gccggcctgg      960
ccttcggg                                     968

```

```

<210> 162
<211> 401
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(400)

<223> similar to gi1335205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 162

ctttaaattg	atgctgagaa	aactgataaa	attcaacatc	ctctcatgat	aaaaaccctc	60
acaaatctgg	gcatagaaaa	aacatacatc	aacataataa	aagtcatacc	caacagaccc	120
atggcctgta	tcataataaa	tggaacaaaa	gtgaaagcct	ttcctgtaag	atctgaaaga	180
caaagatgtt	ccccttcacc	attgctattc	aacataggac	tgaaagtccc	agctagagca	240
attgaaaaag	agaaagaaat	gaagggtata	tgaattggaa	agaaagaaat	caaattatgc	300
ttatctggaa	atgataatga	ccttatattt	gaaacaacct	aaaaactccc	ccaaaactat	360
tagaactgat	acattcagta	aagttgcagg	atacaaaaaa	a		401

<210> 163

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 163

ctggaccaaa	tggaacctaac	agatattttac	agaacattcc	atccaacagt	tgagaataac	60
acattttttct	caacagcaca	tggaatattc	tccaggattg	atcatacatt	aggtcacaaa	120
acaagtttta	acaaattttt	aaaattgaaa	ttatatattat	cttgtcacag	tggaataaaa	180
ctagaaatct	ataatcagag	gaacattgga	aacagtacaa	attaatggaa	attaaacaac	240
aaatggacca	atgaagaaat	tttaaagtaa	attttaaaaa	ttcttgagac	aaatgaaaat	300
ggaaacaaaa	taccaaaacc	tatgggatac	agcaaaaagcg	gttctaagag	ggaagtgtat	360
agcaataaac	gtctatatca	aaaaagtaaa	aagacttcaa	ataacctaac	gaaacg	416

<210> 164

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (111)...(1498)
 <223> similar to gi4519617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 164
gttgaaccca gacccttggc tcccagctgc ttggctccag ccacaacact gctgaccctt    60
ggcagcccca gagctgccag taggccccat tatgaagtcc ataggcagag ggcacacgtg    120
gcttccatac ccaaactgca attcctggtc ctcttgctgg agaccctaga ggtaggtggc    180
tatagatgga gccagtgagg cctagaaatg gggagcatgt ttctgtttcc caaccagcga    240
ggtgtcagta aatcaccagg agcgcggagc agccctgcc cgggaccata gctggtgatc    300
ccccatagtg ggcaaccacg cccagcctgc ttccttgatt ggccaagttt ggggtgaggg    360
ggtggttgta gggtttttct tagggatggc agccctattg gggctctgtg gtgctcaggg    420
ctgcggggccg catgcttget caccaggccc tgcccaccta tgctcgtccc tttctctctg    480
tcagcgttgg ggcttctgtg aagacctggc tgcccttcat ctttctctct ggcatcatcc    540
tcaccgtcag cctggtcttt aacctccggt gatggctgct cggtggtccc acaccacca    600
ggggtcccga ggaaacagcc gccatccctt ttggttccag atttttttct cctcacccca    660
aaaggcaggg ttgggcctgc tgttgtggac cgggggtcgg ggctggcagg atggaaggac    720
tgaggaccag catgaagtgg gggtttgttg tctccctgcc tctcagaagc accctgtccc    780
ctcctcccca ggctgtgac tccggccctg gaagccctt tgttcttctg ttgaaaggct    840
ttggttcccc tctgtagagc tgctcccgcc accacctgct ggggtcctgc ctgagcccag    900
tgcccagtat ggggagagga ggacatttgg gctcacctgt caaggtggcc ctgggaccag    960
agctggtccc agcatggggt gcaccgggta cacttaacgt gtctctataa gccaaagtgc   1020
ttcaggacct tcaccactgg cctctagaat ggtccagagg ggctggctgg gtccctttgt   1080
cagactcctg ccggcagctg ccttggggga catgtgtgcc catctggcat cctccagccc   1140
gtgcagtcgg ctcttctact ttccacggcc tcccagtgcc tcccagcatt ggacccatct   1200
ccccctgcag tttgaggcca gagaggtgag tggacctgac aagtgccaga gtaaccgtgt   1260
agacagagca gtgtagacag cactcagccc cagccccagg tgtggacctc atgctggtga   1320
tggtccctct ggggtggcctg ccagcacagc cagtgccatc agggagctga aggggctgtc   1380
ccccacctaa ctccagctcc cccttcaagt tgtcaccaag gccctgtgcc gcccgcctcg   1440
ccccctgctc ctgtggattc ctttgggaag ggctccctgg gcaggacaat aaagagtttt   1500
gactccaaaa aaaaaaaa

```

<210> 165
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(352)
 <223> similar to gi804788 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 165
attcaatcag taatgagaac ttcccaacaa aggaaagcca aggaccagaa acttttactg    60
gtgaattcta ccagacattt aaagattaac accaatcctt ctcaaactct tccaaataac    120

```

tgaagaagca ggaacacttc ccagctcatt ctatgagatc agcattacca taataccaaa	180
gccagaaaaa aaatcacaag aaaattacag tgcaatgtat cttatgaata tagacacaaa	240
aatcttttcag taaaatacta gcaacccaaa tctaaccata tattaacgtc attatacact	300
atgaccaggt gggattttatc ccaggaatgc aaagttcatt taacgtaata aatcg	355

<210> 166

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(266)

<223> similar to gi296617 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 166

ttttattttt taagagaaat ttctcgccac gaggggaagg ggggggggtt tccccccctt	60
ccccctaaaa aatttttttt tcccccaagg gcgtaaattt ttgggggggg ggggggcca	120
aatggccccc ccccaaaaaa agggtttttt ccaaaaattc ccgggggggt tttaaaaacc	180
cccccaaaaa aaaaaaaaaa tttttttttt ccccccggt aaaattgggc ccccccaagg	240
gtttttttta aagggccccc cttttttttt tttttttttt tttttttttt tttttttttt	300
tttagggggt taaaaacttt tttttaaaaa aaaaa	335

<210> 167

<211> 982

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(903)

<223> similar to gi5832876 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 167

atccacgacg agctgagccg cgccgcccgc gcctccggac gggccccgcc acgcccgcgg	60
cgccgccaac gcgggaccgc cagccggccc gcgtcgctct gtcaacctcg actcagcgct	120
ggccgcgctg cgcaaggaga tgggtggggct gcggcagttg gacatgtcct tgttggtgcca	180
gctgtggggc ctgtacgagt caatccagga ctacaaacac ctgtgccaag acctgagctt	240
ctgccaggac ctgtcctcct cctccattc ggacagctcc taccaccggg atgcgggcct	300
gtctgacgac gaggagcctc ccgatgccag cctgcctcct gaccgcgcac cccttactgt	360
gccccagacg cacaatgccc gtgaccagtg gctgcaggat gccttcacac tcagcctctg	420

aagggctggg	gggcaggggg	catgcacca	tgcaaaaggc	tcagaaactc	cccctccggc	480
aagccctcag	acttcggagc	ctgcgccttc	ccccctaccg	cctcacctca	caggagggcc	540
aggcatgtat	tcctcagagg	cgaaactgcc	aaactctttc	tcctgtcttg	ggttggctgg	600
cactggggcg	ggcatctagg	gtacagcctc	tgctcatggc	actgggcctc	cagttcttcc	660
acatgtgtgc	acccccagct	tggccaaccc	tcagccttgc	ggtggggccc	gaagcatctt	720
cccttccgct	tggcgtctct	gggattggga	tgagtgcctg	gctcccatct	cctcctcacc	780
ttttgttgct	atcggcagct	gctggctcag	gggcatccca	cctccgggct	ctgggttcct	840
ctgccctgga	agggtccag	gacccgtccc	aataaccacc	cacggccagg	agggccaagg	900
ccccgtgctg	gatattttaa	tttaggggcc	ggtctccagg	gcgcgtagat	aaataaatac	960
actcagcgtc	aaaaaaaaaa	aa				982

<210> 168

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(378)

<223> similar to gil335205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 168

atatagggga	gggggataat	ccctttcctt	aaactgtaca	caaaagtga	ctccaaatgg	60
atgaaagacc	tacatatgaa	gggtaaaatg	gaaagacttc	tagaagaaaa	cataggagca	120
aatcatcttg	accttgaggt	aggcaaagg	cttttaggac	acaaaaagca	tgaactatta	180
acagaagtag	tcgataaatt	gtagtctatt	aaaattaaaa	aatgctattc	gaaaggcacc	240
attaaaaaatt	gagaagacaa	gccaaaaaga	agacaaggca	aaactgttgc	tatgcatata	300
tttgacagag	aacttgcac	cagaatacat	aatccaatt	caataagaag	acaaacctat	360
cagttaaaaa	atggacaa					378

<210> 169

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(557)

<223> similar to gil72270 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 169

cacgatgtca	taaggtttcc	ctatttggat	ccacctaatg	agagacttat	tttagaagct	60
cttaaacac	tttaccagt	tgatgctatt	gacaggagt	gccatgtcac	cagattgggt	120
ttgtctatg	tggaagttcc	tttgctcca	catctgacat	gtgcagtaat	aaaagctgct	180
tcctggatt	gtgaagatct	actactcca	atagcagcaa	tgttgtctgt	ggaaaacgct	240
ttcattagac	ctgttgatcc	agagtaccag	aaggaagcag	aacagagaca	tcgagaattg	300
gcagctaaag	ctggaggatt	taatgacttt	gcaactttag	ctgtcatctt	tgaacaatgc	360
aaatcaagt	gagctccagc	ttcatgggtc	caaaaacact	ggattcattg	gaggtgctta	420
ttttctgcat	ttcgtgtgga	agctcaactt	cgagaactaa	tcaggaagct	taaacagcaa	480
aagtgatttc	ccaaaagaga	cctttgaagg	ccctaaacat	gaagtactac	gaagatgtct	540
ttgtgcgggc	tatttcaaaa	atgtagc				567

<210> 170

<211> 535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(533)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 170

cccacgcgtc	cgacaggcat	gagccaccat	gccagccat	gaattttttt	ttaagaccca	60
acagtatgct	gcctacaaga	gtcacctcac	ttttaaggac	accatagac	tgaaagtga	120
aagttggaaa	aagatactcc	atgcaaata	aaacaaaag	aaagcagga	tagctaaact	180
tatatcagac	aaaatagact	ttaagtcaaa	aactgtaaaa	agagacatta	tataatgata	240
agagcatcaa	ttcatcaaga	ggatataaca	gttatatatg	caccaacat	tgaaacacct	300
aaatacataa	aattattgaag	gatctgaagg	gaggataaaa	ttgcaatata	ataatagtag	360
gagactttta	tactctacag	ataatccaga	cagaaaatta	ataaacattg	ggcttgaaca	420
atactgtaga	ccaaatggac	ctaactgacg	tttcatccaa	cagcaactgt	atacacatcc	480
ttctcaagca	tacatggaac	attctccagg	atagatcaaa	tgtaaggca	caaca	535

<210> 171

<211> 1041

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(1034)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


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<400> 171
atcgactcc agcctgggca acagagcgag actccgtctc aaaaaacaac aacaacaaaa 60
tatgtgatgc gaaaactgat agaactacaa ggggaaatag atgaattcac tgtctgcagt 120
tgagatcca gcaccctcta tcgtaaatgg acagatccag caggatgcag ttgagtttaa 180
cagcaccatc acatcagtcg gctgggaata atttacatct gtagactgct tcatccaacg 240
atagcagaat gcacattcct gccaaagctca tgtggaacat tcactaagat agaccacatt 300
ctgggccaca aaacacttta acatacttga agaatagaaa acatagaatg tctattctca 360
gaccacaatg acatgaaact agaaatgaaa ccagaaagat agctagaaaa tcctaaaagta 420
cttggcaaat aacacacttc caaataacac gagtcaaaga agatatctca agataaattt 480
tagaatatth tgaattaagt gaaaatgaaa ataaaactta ccaaaatttg tggatgctg 540
tgaatgcagt gcttagaggg aaatttatag cattgactgc atgtattaga aaatgggaaa 600
gatctaaaat cataatgtaa gctttcactc taggaaacta gaaaaagaag agcaaattaa 660
atacaaagta agcagaagaa aagaaataaa aattcaagca gaaatcaatg aaatggaaaa 720
caggaaatca atagagaaaa tcaacgaaac cagaagatgg tttgaaaaaa caataaaatc 780
agtaaacctt tagccagact aagacaaaga agagagagga cacaaaatac taatatcaaa 840
tgaaagaggg aacatcacta cagagatgtc ccacagactt ttaaagggtg ataaaaaaa 900
aaggatgaac aactttgggc ccaaatttga taaatgaacc aattctttga ggtacacaat 960
ttcccaaaca cggaagaaa tagacaattt gaatagggtt atgtttgtta aataagtcaa 1020
atcaacaatt accttccaaa a 1041

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<210> 172

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (554)...(1927)

<223> similar to gil61436 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 172
tttttttttt gtagaaatgg gatctcacta tgttgccagg gcttgtctca aactcctggg 60
ctcaagcgat ctacctgcct tggcctccca aagcattggg caggcccatt acgccatgag 120
ccaccacacc tgctggtttt tgthttttta atggaattga aaggaaactag ccttggttag 180
ttgcagaatt cacacatatg gggctatggc aacagcagat tctggagtct cagggtcttt 240
tctttctaga taagttacag ggcaattgct tttcagagta cttttacatt tctattccat 300
tcttgctcagt aaagacaagg atcccataag ctgatggaga aactgaggcc tctagaaaaa 360
aacgctggga atggcaccca ggggtgctgaa ttccagggtc tctcttttc tgccacaggc 420
acacatgccc cagcagcccc tttggagagc cccctctcta tagggtaacta gccgggggct 480
cagactctgg agtcagacgg cttccgaggg atgaggcctc agacaagtaa ctcagctttg 540
aaatgttttc agtggggaga gaaatagccc cctcccaggg ctgtgctccg ggaactgact 600
gagggttaac tattatgggc ccaccccatt gttggaatgt cttcagccac atgggggaat 660
gggtggaaga agaggccggg atgtgtcctg ccagctagag cagcgaagaa atcccagcgg 720
ggccccagga agtccaagcc catgggggtc aggtgctcct ctctggctat tcttcagac 780
ccgcagctgc tggacacagg ccacagagct ggtgcctccc gcgccatcac tgcagtgcag 840
cctgggtgga tggaggaagc caaggggaac ggctgggct cagagtaagg agacctgcc 900
ccgggggaca aacggtgtct gaagtgcagg ggtgaagcgg tctccagtc tccaggggct 960
ggaaatcagc tcttggggac acggtcttat gtgtattgac cattctcccc atccattccc 1020

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tcttcggaat	gtttcagctg	ttctgagaaa	acacttttga	ttcctgcccc	gccccctgtga	1080
tttctctttg	ggtggcaggc	agccggggaga	ggctggaggc	ctggggagat	gggggcaggg	1140
cacaaggcta	agctcagcac	cttcctccac	cctcctcact	gtactcaact	cctaggcggg	1200
cactaagagc	agctgccttc	ctggacccac	cttaacctct	tgtgactcaa	ctcccccttc	1260
caggggtgcag	ggaacattcc	ctctgcccctg	ccttccagct	ctggccacag	tggcctggac	1320
agagtagctg	ggtcccaggc	ctgcccctgt	ggacgagggg	ccaggggacca	agagcgcaact	1380
ccagccctga	gcccagagcc	tgcaaaagccc	aaagcaaggc	ccataaacgg	aggctacgtg	1440
ctcgttcctg	caggatcctg	gaaaagcagg	cccaggccca	tggctctgcc	ctccttctgg	1500
ccctgaaggg	tacagatgct	cttggccatc	aggaggaagt	acctgcagcg	ccggtgcctc	1560
gaggcactgc	ttcacgggct	gcggggttcc	cagcaggcca	ggtgcctggc	agtggcatgg	1620
cagcactggg	tggatgcccc	aggggcagag	cagctggggc	ggaccctggc	ctttaagaag	1680
tggcaccaac	gcctggcagc	caggagccca	aggagaggag	ctgccagtag	cccaagacc	1740
tggagcaagc	caggccccaa	gggccccgag	agtggacagg	aagccgccc	agcaccgcgg	1800
ggttggggg	ttggggcaga	gcatggggcc	cagctgcagc	tgtgacttgt	tctcatagaa	1860
taaaaaacag	aactgaactt	agccttccca	gggaaggaac	catgccccac	acatccaggg	1920
agtgatgaca	gaggggacag	ctataaagag	ctctgaagga	caataaaaacc	cactcctcag	1980
tcctaaaaaa	a					1991

<210> 173

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(678)

<223> similar to gi3452473 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 173

cccacgcgtc	cggaataaaag	agagaactct	gttactattg	tttttacatc	accaaataat	60
tatttaatat	cgtagctaa	gagaagaatt	ggctatgaac	tgtacttta	caactgacac	120
aactgcatac	aagttataaa	gtttaataat	ctttatcatc	ttggaaaata	aatctcttct	180
tgctaagtat	cagtttttaa	aaattgcccc	atgtattaga	tatgtatttt	tttaacaaaa	240
atgttctgtg	tattaattat	tttgaaataa	attttaagtt	cacaaaaagc	cattacaaga	300
agtggaaata	gcagcaatta	cacatgggtg	tcttcaggga	ttagcctact	tacattctca	360
tactatgatt	catagagata	tcaaagcagg	aaatatcctt	ctgacagaac	caggccaggt	420
gaaacttgct	gactttggct	ctgcttccat	ggcatcacct	gccaattcct	ttgtgggaac	480
gccgtattgg	atggccccag	aagtaatttt	agccatggat	gaaggacaat	atgatggcaa	540
agtagatgtg	tggctctctg	gaataacatg	tattgaacta	gcggaaaagga	agcctccttt	600
atttaatatg	aatgcaatga	gtgccttata	tcacatagcc	caaaatgaat	cccctacact	660
acagtcta	gaatgggtgag	tattgtta	atatatattg	ctcagtggtg	aataaatgaa	720
atgctttttc	ataatctgtt	atcaaagtga	tttaatttca	gtaggtaaa	atgtatcacc	780
ttataagata	ttaaaataga	tgtattttac	ccttttaaat	atattttatc	tttatcatgt	840
ttccatttca	tggcatacgt	ataactgg				868

<210> 174
 <211> 1812
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (95)...(1812)
 <223> similar to gi214042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 174

gccttgcttg	gaggcaaagc	gtcctccact	ctgtcctcag	gactcagctg	tgtggccttg	60
gatttctttt	tgcgggactt	gcgccctttg	ggtgccaaag	gtccaggatc	cccctggaac	120
cagatggtac	ggccatgccg	gtcctgcagg	gagctcatgc	ctggcatgcc	atagcagcgc	180
agccaggctc	gaaaggcagc	aaagtcctcc	tccccgctct	ctgaccgcga	gcccctgccc	240
cccaactgga	ccacttcctt	gggcactgag	tgacatagct	ccagcaggtc	tggattctgc	300
agcttggtcc	ttatcttctg	gctcagggtc	agctccgggc	tcggcctgtg	ctgctgcagg	360
gcctccagga	ccgagcgggc	cttctcaaag	ggggggatct	tcagccggta	caggatctct	420
gcccgcagat	agttgccaat	gccattgaag	aacctctggt	ccaggagggc	ctcgcagatg	480
ggccggtcaa	aggccttatc	cgctaggttt	cgtagcacat	tctccctgaa	ctgctggtac	540
tcctgcaaga	cacaggggccc	gcggcccggc	tgccactttc	ccccaaggtc	ccagcggccg	600
aaccggcgga	tgtccacgaa	acatagggcg	agccgggggc	caggcggggc	cgtgtaaaag	660
cgcagggtgg	catggcggtg	cagctcctcg	cggggcacca	gctgaaaaga	gccggacatg	720
ccgaagcgga	agaccagggc	cagtggctcc	tggtggggct	gggccccagg	cagagggtct	780
agtatcaggc	gcagctcctt	gccgcgggct	gaagctgaga	tgcggtaggc	actgctctca	840
aagggcacct	cagggttgcg	gctgacagag	gacttctcca	cgcagccgcc	gaacaccagc	900
gcctgcagg	cctcattcac	aaactggctg	gccagggtgca	gctcggggcc	ctcaggcatc	960
ctgagggagg	gtggcagagt	cctggctggg	aggtggcgga	agaacctgac	ttccactgct	1020
ctggcgccgg	cgagatgcgg	gggcaggctc	gaggccccgg	gtcgcgctg	tctctgcggt	1080
tgggggaagt	caccagcta	gcgtgggaca	gggtcggcac	ccccagcagg	aaacagcagc	1140
gacgagccag	agcggagtcg	cctgcagctg	cgcgcaggac	gtgcacaggt	gcgcggtacg	1200
cacaggccct	agggaccggg	tggggatctt	aagcaccaac	gaacagtcag	acctaaactca	1260
taaacaacaa	tcacacggc	ctgccctgtc	agaagcgcag	ccaagcaaca	acaacaacaa	1320
aaaaaggcga	ggaggtagac	ccacttgaga	tggttctgtt	gcggagagtc	tctgaaatca	1380
gaaagcgcca	gtccgcaaaa	acgaggaaac	ccgacgtgtc	cggcggaagg	aaccgccagt	1440
acaaaggccc	tgaggcgaga	aagagattgg	tactgaaaag	aactcaaaga	agtctctgtg	1500
ggctggagta	tagctgcggg	ttagtgctgg	cagggtgaaga	cagagaagca	aaccaggtc	1560
aggtccggtt	gggcctcggg	agggcctccg	tgtggagtct	gcacttcatt	ctaagtgtat	1620
acctaaccga	tcgccacgat	ttccctcctc	tcacactacc	ctgctacgtc	tccttattag	1680
gcgtaataaa	attatgtggc	tttgtaagaa	attggttttt	agagatgcat	gttaaagtat	1740
tgggtatgaa	atgtcatgat	ttgtctaatt	tactttaaaa	tacttctgcc	ataataaatg	1800
aatagaatta	ac					1812

<210> 175
 <211> 532
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (10)...(533)
 <223> similar to gi3599473 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 175
 tgcgctcacc ctcaggaact cagggctcaa agtcggccgg gttaaagggc gctttcctcg 60
 tacagtcaaa gcccgggggc gcccgcacag agcagctcct tgcaggggtg ccagtcacag 120
 gaccggacgg cgccctccct cagtgtcctg ggtgccatct tcggggcccag gcccacacc 180
 accccctccc tccagcagga gcaaagacgt gggaaaacca gccagagct ggggccgagg 240
 cggccccacc cagcctaaca cgggacagct gccgaaagag gggctgagga cgccccaccc 300
 agtccctaga gctggaatcc cttcctccag acaggccctt ctaagctcag ggaacccggg 360
 gactcgggca cccagcgccc cagcactccg ccccgaggcc caggcaagtc cagcggagtt 420
 tccagcgcca ccattcctga gctaggtggg gagaggctgg gtggcgcccg tttccaggag 480
 cccccacccc agccggcagc gagcttcccg ggagcagccg ctaccacaggc gc 532

<210> 176
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(368)
 <223> similar to gi3184263 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 176
 ctccccgacta ggtctggtgc ctgtttgggg acggagcttt tggctacagc ctcctcgat 60
 ttgatacatt cgtcagacac aaggtgactg ggctggcctg agggagcctt agggcctggg 120
 gttctgggag atttcaccag gggggtgctg aggtggggag ggagcctcct ctctggcaga 180
 ggccctatcc ctgtctctgt cctctggctg gccaaagccat ggggctgaag gctgcggcct 240
 gccttcatca tcttctctga gatcccagtg atggccttgg tagggaatga tgctggctgg 300
 acacagattt ctccgggagca ggtgccctct ctgggcagca acgtggcctg tggcctggcc 360
 tacactgggtg agggggcctc agcgaggttg ggaggacagg aggtgtttc agtcccagct 420
 gggcttg 427

<210> 177
 <211> 823
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (7)...(791)
 <223> similar to gi4538905 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 177

gggggctaca	ccaagagtgg	ctatgactct	gcatgtaaag	actttgtccc	tcatgacttg	60
gaggtccaga	ttcctggaag	agtctttttg	gtcactggag	gaaacagcgg	cattggcaaa	120
gcaactgccc	ttgaaatcgc	caagcgaggt	ggcacagttc	acctggtttg	tcgagatcaa	180
gccccagcag	aagatgccag	gggtgagatc	atccgggaga	tgcggttaacc	agaacatttt	240
tctgcacatt	gtggacttgt	ctgatcccaa	gaaaatctgg	aaatttggtg	aaaattttcaa	300
gcaggaacat	aaactccatg	ttcttgatca	ataatgcagg	ttgcatggtc	aataaaaagag	360
aagctcacia	gaagatggac	tttgaaaaaa	actttggttg	ccaatactct	ggggtgtgta	420
cattttctcac	gacccggcct	gatccccctg	gctggagaaa	gaacacggac	ccccgagtga	480
taaccctgtct	cctcaggagg	aatgtttggt	cagaaactga	acaaccaatg	atctccagtc	540
cgaaagaaca	ccatttggat	gggaactatg	gtctatgcac	aaaacaaggt	cagtgaagag	600
cagcaagtgg	ttctgacggg	agcgggtggg	cccaagggca	cccgcccatc	catttttctt	660
ccatgcatcc	tggctgggcc	tgacacccca	ggtgtgaggc	aggcgatgcc	ggggttccac	720
gtccaggctt	cggggtatcg	cctgcgctcc	gaggccaggg	gcgcggacac	catgctgtgg	780
ctggccctct	cctcagcacg	cagccgcaca	gccagcggc	cgc		823

<210> 178
 <211> 715
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(717)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 178

ccatcgtaga	cttcatactg	gagagaaatc	ttacaaatgt	acaatttggtg	acaaggcttt	60
cgtgcgtaat	tcactcctgt	caagacatac	cagaattcac	actgcagaga	aaccttacia	120
gtgtaatgaa	tgtgggaagg	cttttaatat	acaatcacac	ctttcacgtc	atcatagaat	180
tcatactgga	gagaaacctt	agaaatgtga	agcatgtgac	aaagtttcca	tttggaatc	240
acaccttaaa	gacataggag	aatttatact	ggagagaaag	cttacaaatg	taagggtttct	300
gacaagactt	gggagtgtat	cacacctgga	acaacatact	ggacttcaca	ctggagagaa	360
accttacaag	tgtaatgagt	gtggcaaagc	ctttggcaag	cagtcaacac	ttattcacca	420
tcaggcaatt	catggtgtag	ggaaacttga	ctaattgtaat	gattgtcaca	aagtcttcag	480
taatgtctaca	acgattacaa	atcattggag	aatccataat	gaagagagat	cttacaagtg	540
taataaatgt	ggcaaatatt	tcagagatcg	ttcacatatt	gcaggtcac	ggtgaactca	600
tactggagag	aaaccttaca	aatgtcatga	ctgtgccaag	gtcttcagtc	aagcttcac	660
ctatgcaaaa	cataggagaa	tttatacagg	agagaaacct	cacaagtgtg	atgat	715

<210> 179
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(614)
 <223> similar to gi3184082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 179
aaatcctgaa aactgggcct attacaagc cttggaaaaa gcactcaagc caactaatat    60
gttagaacgg ctaaaaatct atgaggaagc ctggactaaa tatcccaggg gactggtgcc    120
aagaaggctg ccgttaaaact ttttatctgg tgagaagttt aaagaatggt tggataagtt    180
cctaaggatg aatttcagca aggggtgccc accagtcttc aatactttaa gatcattata    240
caaagacaaa gaaaagggtg caatcataga agagttagta gtaggttatg aaacctctct    300
aaaaagctgc cggttattta accccaatga tgatggaaaag gaggaaccac caaccacatt    360
actttgggtc cagtactact tggcacaaca ttatgacaaa attggtcagc catctattgc    420
tttgagtagc ataaataact ctattgaaag tacacctaca ttaatagaac tctttctcgt    480
gaaagctaaa atctataagc atgctggaaa tattaaagaa gctgcaaggt ggatggatga    540
ggcccaggcc ttggacacag cagacagatt tatcaactcc aaatgtgcaa aatacatgct    600
aaaagccaac ctgattaaag aagctgaaga aatgtgctca aagtttacia gggaaggaac    660
atcagcggta gagaatttga atgaaatgca gtgcatgtgg ttccaaacag aatgtgcca    720
ggcttataaa gcaatgaata aatttggtga agcacttaag aaatgtcatg agattgagag    780
acattttata gaaatcactg atgaccagtt tgactttcat acatactgta tgaggaagat    840
tacccttaga tcatatgtgg acttattaaa actagaagat gtacttcgac agcatccatt    900
ttacttcaag ggcaggcaag aattgctata gagatctatt tgaaggcttc atgacaaccc    960
ccttacagat gaggaattaa aggaacacgg aggctggata cagccaaaca tgtctggaca   1020
aagg                                              1024
  
```

<210> 180
 <211> 890
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (651)...(567)
 <223> similar to gi4971998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 180
aaagtagtag gttggtgcaa acgtagtaat aaattggttt ggccctgttt tcatagaact    60
  
```

atagagggttg	gacctttgtc	cccttccaga	tgctacaaa	caaactgatg	tttttgattt	120
ttttttcttt	ttaaattttg	gttgccacta	attcttataa	aaatcctcac	acaaggctgg	180
gctcagtggt	tcacacctgt	aatcccagca	ctttggggagg	ctgagggcagg	cggatcacga	240
ggtcaggaga	tcgagaccat	cctgggctaac	acgggtgaaac	ccccgtctct	actaaaaata	300
caaaaaaatt	agccggggcgt	ggtggcgggc	gcctgtagtc	ccagctactc	gggaggctga	360
ggcaggagaa	tggcggtgaac	ccggggaggca	gagcttgca	tgagccgaga	tagcgccact	420
gcactccagc	ctggggcgaca	gagcaagact	ccatctcaaa	aaaaaaaaaa	agtgataata	480
ctgtaatccc	agcacttttg	gaggccgagg	caggcggatc	acgaggtcag	gagatcgaga	540
ccatcctggc	taacacgggt	aaaccccgtc	tctactaaaa	atacaaaaaa	ttagctgggc	600
gtggtggcgg	gcacctgtag	tcccagctac	ctggggaggct	gaggcaggag	aatggcggtga	660
accaggagg	cggagcttgc	agtgaagcga	gatcatgcc	ctgcacttca	gcctgggcga	720
cagagcaaga	ctccatctca	aaaaacacac	acacacacac	acacacacac	acacacacaa	780
atagaaaaat	aataatagtt	ttaagcacct	ctaaagtaca	gatattgtgc	caagcaattt	840
atgtgaattg	attagattga	taactctaaa	aatagtttcc	ctaatacaact		890

<210> 181

<211> 480

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(480)

<223> similar to gi339771 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 181

cattcctggt	cagaaaaagc	attgaaatca	tatcaagtat	ttttctgacc	aggaatggta	60
taaaactgga	agtcaatggc	aagaggaact	ttggaaacta	cacaaacacc	tggaagttaa	120
ataatatgct	cctgaataac	cagtgggcc	atgaagaaat	taagaagata	atttaaaaaat	180
ttctggaaat	aaaagaaaat	ggaaacacaa	cttaccacaa	cctatgggat	acagtgaaag	240
cagtactaag	aggaaagttt	atagcaataa	gcacctacaa	caaaaaagta	gaaaaacttc	300
aaataaaaaa	cctaaccatg	cttctgtaac	aactagaaaa	gcaagagcaa	accaaacaca	360
aaattagtag	aaaaaaataa	atagtaaata	ttcaagcaga	aataaatgaa	attgaaatgg	420
aacaaataca	aaagatcaat	aaaataaaaa	gttggttctt	gaaaagataa	acaaaattga	480

<210> 182

<211> 1922

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1446)...(442)

<223> similar to gi2088675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 182
tttctttctt catccaaaat agtagagatg tctttccac gatgacctgt gatgggtggag 60
atatcttttc ctggccaac tctcctcca teggcttctt tgatgtcatc ttcaatagct 120
tcatcaattg cttcatcaaa ctcatcaaat ctgtagctta tacatttcct tgttcttggt 180
gacctccttt caaagcaagt ttgctttgga ttttttgaa tctttttct tttcttcttg 240
atcttcagaa aagtctggct ctttgtggag gaatgatgtt ttcaatactg gataccaaca 300
tacaccaagc gttcttttcc ttcgttccgg caacgctctt tccttcttta aggcaacatc 360
ccaaatcctg gaaactgggc ctctaatttt tccaacaaga gcaagttaa tgttgggcaa 420
aagggtgggc aagaacccat cctcccatct ggggatggat catcagagga ggggcgaaag 480
gcagggcagt atggtatcca ctatcgcaag agtcacacag aagaattagc tcaggatggg 540
ttggaaggcc acatTTTTTg catggttcat catcatctgc taggatggct tcttcacttt 600
ccttttcttc ctctcttct gaagctgcag atgatttttc actgccagac ccttcacttt 660
catcattgct ggaatatttc catctgccac gtgtccgaga accagtccat cgaactttgc 720
ctttgggttt taccttgctt actttagaat ttgtatcttt ctctgatttt ttcaaaattt 780
cctttttgtc agttttttgc aaagctgttg actcttcttc cacctcatct tctccttccc 840
ctcttttttt atcagctttc tgatctctga tctcagccac ttttgagtg ggtctagata 900
ttcttggaga tcttcttaaa gtacgacca catttgtttt ctctcttcc ttttctgtct 960
tctcttgctt gtttctggt tctagaactt tggggggaga atcgggcttc ttttccgac 1020
ttgatatcct gattgttaat ttgatgccct ctttctgcct ttcagagggt atctctgtat 1080
tttctgaggc agtggtttct tcttcaggaa ccaacttata tttgaatttg cttttttgca 1140
tagaaccctt tgtctcagaa ggctcctcta tgccagagggt ctgggcattg tccagattat 1200
ccatttctac ctttgtgaac tcagaatcct cttttaggggt ttctaggctc acttttttca 1260
cagactggcc accaacagta cttgtactct ggcattctac cacttctttt tctgaggcta 1320
gtttctcaca gtggtcaatg atattagatg gtggagaagt ttcagctgcc tcaggagagc 1380
caggcttttc tgactctaga gtactcttg gaacttcttc tggattgga ctcaatcttt 1440
gtgcgtcctt atcaagaaaa gtcttttttg acttctctaa cttttcaaga cattctagga 1500
ttggtgggcg cttatccttc ttagtttttg gagacttctc ttcaccttc atggtacacg 1560
actcgggtgga agataaagca gtttttgaag agagatcttt tgccatctca gaagaatcaa 1620
gagaagtttc catttctgga ggatcgggtt cctctatttg tgctttttga ctatggatct 1680
ctaagactga tattgaacta tctgcactct tctcaaagg ggctgtttct ttctcaagct 1740
cacctgtttt catacttggt tatgacagaa ttttaaggact ctgttccatt tccctccgtg 1800
atgatatttc tgtccttagg ggggctatag ctctcttctt ttgtctcata aaactttgtc 1860
tctacttggt tctgtcttaa aatttggagc taccctttca tcactaactt ctccatttac 1920
ca 1922

```

<210> 183

<211> 516

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (59)...(516)

<223> similar to gi3036883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters


```

<400> 183
atggctgtca tccagtcctt ctgcgcatgc tatgagactg tcttgctctc tgagtcctcc 60
tgggccatgg gctcgccac cactgcagg ccatagtcac tgaggaaccg ctccatctcc 120
ctgacctgcc gctgcagctg cacacacatc gtctccagtt cctcctgccg ctgcagggtt 180
gcctcggctg ggtgtggccg gagggctctg accaggctct ctagggccgc tatcttctga 240
tccttggaac gtatctcatc agtctgggccc ttcacctgct gctccaggtc ccacaacttc 300
ctcgtcatga aggccatcag ctccgagtc tgggatgcag ggacatctcc atagatgcgg 360
attcctcgcc tccttttgcc tcttccactg tctccacaga ggtttctgga agtttctgtt 420
atctgcctgc tcctctgggt atacggcttt ctgctctgaa ctgagagacc tttggcctgg 480
tggtgcttgg gaaagtacac gcagggccgc acgaaa 516

```

```

<210> 184
<211> 998
<212> DNA
<213> Homo sapiens

```

<220>

<221> misc_feature

<222> (9)...(999)

<223> similar to gi2072964 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 184
ccaatgggcc tgccagaata ccacattcct tttttaggca ccatgtatcc attcctcaag 60
gatagaccca tatgttaggt ccacaagtcc ttaaaacatt aaaaaagttg aatacccatc 120
aagcatcctt cctctgacct acagtggaat acaactagaa actaataaca agaggaattt 180
ttgaaactac aaatacatga aaattaaaca atatgtcctt gaatgacct tgagtcaatg 240
aagaaattaa gaaggaaatt gaacaatttc ttgaaacaaa tgataaagga aacacacat 300
acaaaaacct atgggatacg gcaaaagcag tactaagagg caaattgata gctataagtg 360
cctacatgaa aaaagaggaa aaacttcaaa taagcaattt aacaatgaac cttaaccaga 420
aaagcaagag caaaacaaac acaaaattag aagaaaacaa ataataaaaa ttagagcata 480
aataaataaa attgaaataa aaatcaatgc aaaagaacaa tgaaacaaaa agttgctttt 540
tttcaaaagt taaacaaaac tgacaagcct ttagcaagac tgagaaaaaa gagacaagat 600
acaaatcaga aatgaaaaag acattacaac tgacactgca caaattcaaa ggatcattag 660
gggctactat gagcaactct atgccataa attggaaaat ctagaagaaa ttgacaattc 720
ctagacacat acaacctact gagactggac caggaagaaa tccaaaacct gaacagacta 780
ataacaagta acaaggttga agccataata aaaagtctcc cactaaagaa aaccaaggac 840
ccgatggctt cactgttgaa ttctacaaa catttaaaga agaactaata ccaatcccac 900
tcaagctatt gaaaaataga ggaggagaga atatttcaa agtcattcta ggagaccagt 960
atcacctga taccaaaacc agacaaagac acatcaaa 998

```

```

<210> 185
<211> 422
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (61)...(425)
 <223> similar to gi2072961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 185
 atacaccgt tttaaaaacg cctggggcaa agggagaaat cccaaaggaa atcagtacgg 60
 tttttggaac aaagagaaaa taaagactca acatagcaaa atttgtggga tgccctaaaa 120
 aagtacttag tgggaaattg atagccctaa aagaatgatc tcaaatcaac aacctgagct 180
 tcccccttaa gaaaacagaa aaataagagc aaataaaatc ccctgtaaac attaaaaaga 240
 atgtaatttt taaaaagtta aaaataaaaa aagggtttaa agtttaaaaa aaatagagaa 300
 aaatcagtga aacccaaaagt tggttccttg agaaagtcac taaaatttac taatctcaag 360
 acagacattc caggaaaaaa aatgaaaaaa gtggaatccc tagagattct cggacgcgtg 420
 gg 422

<210> 186
 <211> 909
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(910)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(907)
 <223> similar to gi37195 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 186
 aaggtggcgt catcagactt ccatacccaa tcaaaggaaa accattcnca atatgtaaat 60
 ggaccaagga aggccaggat attagtaagc gtgccatgat tgcaacatct gaaacacaca 120
 ctgagcttgt gatcaaagaa gcagacaggg gtgattctgg cacttatgac ctgggtctgg 180
 aaaataaatg tggcaagaag gctgtctaca tcaaggtcag ggtgatagga agtcccaaca 240
 gtccagaagg gccactggaa tatgatgaca tccaagtccg ctctgtgagg gtcagctgga 300
 gacctcctgc tgatgatggt ggtgctgaca tcttaggcta catcctcgag agacgagaag 360
 tgccataagc cgcttggtat accattgatt ccagagtcag aggtacatct ctgggtggtaa 420
 aaggcctcaa agagaatgta gaataccatt tccgtgtttc agcagaaaac cagtttgga 480
 taagcaaacc cttgaaatct gaggaaccag tcacaccaa aacaccattg agtaagtgcc 540
 ctttcaacca caaaattata aacattattt cagcactttt ctgtttttta atgaaagtca 600
 ttggcttata atacttggga ctgtattcta atacatgtgt gctttccact tatatttaca 660
 gatcctccag aacctccaag caatcctcca gaagtactcg atgtaaccaa gagttctgtt 720
 agcttgtcct ggtcccggcc caaagatgat ggtggttcta gagtcacagg ctactacatc 780
 gaacgcaaag agacatccac tgacaagtgg gtcagacccc acaagactca gatccccccc 840

```
acaatgtaca aagtcacagg gcttggtcca aatgctgagt atcagttccg catcatcgca 900
cagaatcgg 909
```

```
<210> 187
<211> 526
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (63)...(526)
<223> similar to gi5926738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 187
agccatgtta accatttggt aatttcttct gaacagatca agcaaaagta gataatcagc 60
cagaaaaatt agtgcgtagt gctgaagatg tttccacagt gcctacacaa cctgataatc 120
cattttctca ccttgacaaa ctcaaaagga tgagcaagtc tgttccagca tttctccaag 180
atgagagtga tgacagagaa acagatacag catcagaaag cagttaccag ctcagcagac 240
acaagaagag cccgagctct ttaaccaatc ttagcagctc ctctggcatg acgtccttgt 300
cttctgtgag tggcagtggt atgagtgttt atagtggaga ctttggcaat ctggaagtta 360
aaggaaatat tcagtttgca attgaatatg tggagtcaat gaaggagttg catgtttttg 420
gggccccagt ggaaggactt aacagcagcg gatggaaaaa aacaggcgct ataccatatt 480
gaaagggcta atttgctacc aaacaaaggc caaatgggca agaaaa 526
```

```
<210> 188
<211> 469
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(330)
<223> similar to gi285951 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 188
acactgtttc aacatttaca tcctatgaac tcatggatta taaaacattt gtgacttata 60
ctgtctatgt cagtatgatt gccttagaaa gaccagatct cagggaaaag gtaatgacca 120
aactttaata ctcaaattta aagacttggt tttttgttt aaatacacia atcattaaaa 180
tgtacatttt ttttgtatat atgtttttta aaatacctag gtcattaaag gagcagagat 240
tcttgaagtg ttgcacagtc ttccagcagt tcggcagtat ctgtttttac tctatgaatg 300
ccgttactct gttttcttcc aatcattagg taaggatagg gttgatattt ttgattatct 360
```

gtcttcatct	tactcctgat	cctatgtgca	aataacctaa	gacgattttt	cacctatctg	420
agaaatgtag	tgtgtaggta	actgcatgtc	tttgatcagt	attcctaata		469

<210> 189
 <211> 1614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (544)...(1361)
 <223> similar to gi5834580 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 189						
ttattcccct	ttctcccca	aagcactcat	gacctgactc	gctgggagct	ctatgagcca	60
tggtgccaac	tcctgcagaa	ggctgtggac	acaggagagg	ttcctcacca	ggtgagtggg	120
caggctagag	atgggttggg	ggctgggggg	ctagatttta	aggacctacg	gttctaggtg	180
gccactaggt	gtgtcaagtc	tcagtgcgtg	gagtggacaa	agcgaggaag	atcaggtggg	240
tgggggtcac	ctcttacatt	cctctcttag	aaggtggact	ctaactccag	ggtcttcttg	300
gatttctctg	aagccaagga	taatattgag	ggattctaga	agacgtagag	taaattaggg	360
agcggtgaca	tttctacttc	gtgtagatgc	ctctgaagaa	tgtccagaat	atcactcatt	420
ttccactgga	aaaggaatta	gctctccctt	tactcatttt	ctctcctctt	cactgggtgtg	480
tttctggcta	tctgtctctc	cctctcctaa	cccaaacctc	atTTTTTcaaa	ccctttgttg	540
ttacaggtta	tcctgccagc	cttgactctt	gtctattttt	ccattctctg	gacactaacc	600
cacattttcta	aatcagatgc	ttcccagggtg	agtgtgggtc	ttagatggga	taatgggaac	660
agaggagtct	gtgtcttcat	tcttcccctt	caagccactg	tgcccacaga	agcagctgtc	720
gagtttgagg	gacagaatgg	tggccttctg	tgaactctgc	cagagttgcc	tctcagatgt	780
ggatactgag	atccaggagc	aggtgagtac	tgactcaagt	gggagcaaca	aggcgagtat	840
ccctgcccc	attccaagga	gaaattgaca	gtgtcatttc	tacettggga	aacattctgt	900
ccttttaaac	atcctttctt	ttccccctac	aggcttttgt	cttattaagt	gatctacttc	960
tcattctttag	ccctcagatg	attgttgggg	gccgtgattt	ccttaggcca	cttgtctttt	1020
ttcctgaagc	tactctccag	tctgagctag	ccagcttcct	catggaccac	gtcttcatcc	1080
agccgggaga	cctgggcagt	ggtgcagtga	ctctatacct	ggggctcagt	aagggctggg	1140
gcttggggtg	agctcagaaa	tatagggcag	gaagcttaag	tctgtgattc	ccttttgctt	1200
tccatgtgag	ccaggtgatt	cccaggagga	tcatttacag	atagagcggc	tacaccagcg	1260
gcgccgcctc	ctagccgggt	tctgcaagct	gttgctttat	gggggtgctg	agatggatgc	1320
agcctcagat	gttttcaaac	actacaacaa	ggtacaccaa	ggccccagct	tgggcttcac	1380
gaagccactg	gtgaatgccg	aggttactcg	gctgcctaca	gtctagccac	tgaccacagg	1440
atgggtgaact	cctgaatgac	aacgtgtggg	gtgacaaagg	gcaggtcccc	cttgagcacc	1500
aggatgaagt	ctgtctgata	cgtggacagc	atgcaacacg	gatatgttct	ggtcagccag	1560
tggggcgatg	actgacttgg	cgatcttggg	catgcccaata	ggctgggagc	tgga	1614

<210> 190
 <211> 2039
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (998)...(2039)

<223> similar to gi3882197 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 190

aacaaaagaa	aacattttat	tgcaatttga	ttaacaagga	gacaggagcc	cagctcaa	60
ctgtcccatt	gtacttattt	taaagagtta	ttttagtaga	aaagggtgtag	ggagtggatt	120
ctgtgattag	taggtgattg	atagaaagat	ttgtttgggc	tggaaaatcc	tcgggccatg	180
gggcagttaa	cctcttcacg	ccctcctcat	gggtcccat	gtgcaaactc	cagagggagt	240
taagtatgaa	acatgcggta	caaatttagg	ctgtgtgtca	gcaagctcat	tctgtacaaa	300
ctctggtttt	atctctttat	cttgacacct	gaagggtgtg	cataatccca	tcactcccca	360
aaatatgccc	tacatgcaga	atttaaattc	atcctgcctc	cttgactctg	agggccactt	420
cctaccacag	ctagggtccc	ttttctgtca	gcattctttc	tggagcttgc	ttatatcaaa	480
cctaagaaaa	gcaactccag	gactccagac	aaaacagatc	tccacccatc	tggcggccag	540
aaaggggaagc	tctgggcaaa	gagggagaga	gaatcaacct	cactcactct	ggatgggcct	600
cctgtgtgtt	cacagaggac	agagcagagt	ccccagctc	atcctcaata	tcagcgtccc	660
cagactggct	taggtcctgc	tagaagaacc	caggattttg	cctggcagaa	agacacaaga	720
cctttgccag	gatcagcctg	gtctctcacc	aattcatgtc	aggtgaagac	ttatagtggg	780
gctgtttaaa	tccttagaaa	aatgatttta	aatgccttga	agtccaaatg	actttggagt	840
gctaaaattt	cataagtttc	catgcctagc	acatagaaaa	gggaagctgg	ggtttcatgg	900
gcatgtttgt	ctaatacctt	ccatctacac	aacctcacac	gcacatcaca	aagcatcaca	960
aagactctaa	tttctccaac	gcttggtgga	atcacctgtc	caggtacaga	taggctgcca	1020
caccgatgac	cttaccaagg	ccaggaagct	atctcagacc	cccgtggtga	ctcaccaatg	1080
ctggatggac	aggactgagc	ggtcagtcct	ctgcctctgg	ggcggcctcc	tctacgtcat	1140
cgtgcccag	ggcagccaac	taggccctgt	gcctgtcact	atcaggggag	ctgtgcctgc	1200
cccatactac	aagctgggta	agtggagtga	acatttaggg	aggaggaaga	gtggcagatg	1260
ccgtgggaac	tgtgggggtg	ttgctaaatg	ggagagggat	gagctttggt	ggagagaaag	1320
aggaagaact	gttggggagg	aacatggagg	cagaagatac	ggaataccct	gtgtccatgg	1380
agacttcagg	gcagacaaag	agaagagtca	ggaagccttt	tcttcccttt	acagcctata	1440
gacgcctgtg	atagtagttc	attattgcaa	tgttcttcca	gagttcaa	ggtatttttc	1500
agctcaagg	aagttggaga	agtgggtgtg	gtaggttcca	tgatatttat	tcccaggtaa	1560
gacatcgctg	gaggagtggg	agaggcagat	gcaggagaac	ctggctccct	ggggagagct	1620
ggccacggac	aacatcatcc	tgacagtgcc	aaccacaaac	cttcaggccc	tgaaggaccc	1680
cgagcctgtg	ctccgcctct	gggatgagat	gatgcaggct	gtggccaggc	tggcagctga	1740
gcccttccct	ttccgcctgc	ctgagaggat	tgtggctgat	gtgcagatct	cagctggtgg	1800
gtgctcccag	ggaatcctcc	tgtaatccca	gctactcagg	aggctgagac	aggagaatcg	1860
cttcaacc	ggaggcagag	gctgcagtga	gccaggatcg	caccattgca	ctccagcctg	1920
ggcaacaaga	gtgaaacttg	ttttagcggt	ccgattttgc	ttttgtcttc	atgctgcacc	1980
tcattcttct	tttaagcttt	cagaataaac	attccattcc	tttaccctg	agcagtgcg	2039

<210> 191

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (21)...(621)
 <223> similar to gi537432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 191
 ggagaactcc gattgattgg agtccctgtt ggggcagtag caggggtcca cccaccgcgg 60
 tcctaggcct gggggcggaag tccaggcctg gccacaaggt tcaaagatgt gtcagaccca 120
 agccgctacc ccctactccg agggcgaggg cggagaggct cagccccagg ggcggggcct 180
 gtagtcggag gccgagcggg cgtggtcggg gtagtccagg cggctctcgg tggcagtga 240
 catgcgctcc ggctccacca cgaacatgta gtagaggttc cacatcagca tcgacagcag 300
 tggcagaaac gtcaggccgt agccgaagcc tcggaaggag cggcccacgg caaaggtcag 360
 ccagtagatc agccgggaga cggcaaagag accagtgaac agaggagca gtttgagggt 420
 atcctggggc aggtaatgg aaagcacggc caggttgaag aagtagagaa taaagagctg 480
 gaccgactgg gccacatc gccggtggat ctccacctcc cgcgctggct ccccaaagg 540
 ccgaagggca gaaaagcata acaggctcag cccgtacacc aggatccctc ttcacttcca 600
 gtagggccag ggtctcctgt tctgtcatcc tggggcctca gttctgggat ctaccacaag 660
 gtcagtcat cctgccctga tccagttaag ctttggccgc ctcaagggtt aactgtccg 720
 ttctctgata gctttgcaa taaagtttt cgcaagggtt tggagaagcc ggaaagacgc 780
 catgctgccc agag 794

<210> 192
 <211> 1616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(1575)
 <223> similar to gi330421 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 192
 ggaggttgcg gcggcggctg cggcgagcc cggggcggcg ggtgggaaga ggactaccag 60
 aggggcctgc gggagacca gggtcggacc cataggagtc ctgtcgtcag gacctccttg 120
 atcggctctc tgcttgggtt ctggtggaag gaggagcttc ggggtgtcgg ctgggctgcg 180
 cggactcctc ttgggatccg atgatggatc ccaccgggtg atcgggaatg gggttacaat 240
 gcagtgaagg ggaaggtc tcgccggggc acagaaagat cccagggcc gcaaggcgtg 300
 ctgtgcctg caaaggcact gaccacagag cccactgcct cctccttcc tgggtggagc 360
 aggggcctgc cttcatctcc aaggccggg ggctcggca tctcgacgcg gcttcggcg 420
 acacgggcaa agagagacag aggtagtcc gagccggagc cagtgtgacc acacgtggca 480
 ctgacgtccc ccaagagcac atgcagtga cctgtgtctc tgaggccgta gtgggcgacg 540
 acgagacgga cagtgatgtc caggcctgcg cccggggggc actggagacc tgccctcaa 600
 agcggaggaa acgccaagct cacctgaaaa cctgcgagac agggcctgtg cacgagcca 660
 gtactcctac ttcgccaagt ctcaaggacc catccccgag caacgggtggc ggcgcagaga 720
 agagcacggc gccggcgag gtgcagagag acaggaggct gatgggggga agttgaggca 780
 cctggggcag agaaaaaat gcattgcaa gaggtttctg ggcatctac tgacgaaaat 840

gtcttcccat	cagcccttgc	gctggtcccc	agggaccctg	gcattccgtcg	ttggcgccca	900
gggtgcgcgt	cgggccacta	ggggtacccc	aactcggaca	gaaggcccat	gagttgaatt	960
tgaagtttgt	gggaatagag	gtgaggcacc	aggggcagaa	aaaaaacagg	agacctcgcc	1020
tcagacaagc	ggggcctggg	tccccatgg	atgaaagtgc	cttcccatta	tgctgtaccc	1080
tgggcagagt	ggacagtgc	gaccctgggt	cgagcccagg	gtgcgcttcg	ggaccgcttg	1140
cggttaccag	aaagcgaaca	aatggtccat	gagcggaagg	tgaggcacct	gaggcagaga	1200
aagtaaagaa	acgcgccgcc	gagaagcagt	gcctgggtcc	ctcacggagg	aaattgtctt	1260
ctccttagcc	cgttcgcttg	gcagtgaggt	ccctggcgtc	cctggtttga	tcccagggtta	1320
cgctcgggc	cactagtgtt	accccaaggt	gggcagaaa	cccataaggg	gaaggcgagg	1380
cacctggggc	agagaaaaaa	aaaaacttcg	ccgcaaaaga	gcgcggcctg	attccccacg	1440
gacgaaagtg	tcttcccatc	agtccttgca	ctgggacccg	gggaccctgg	tgtccctggt	1500
tcgagctcag	ggtgtgcctc	agccgctacg	tgacccccaa	ggggagcttt	gggagcccaa	1560
aagccaataa	gggaaagtaa	tttttaaggc	ccccagtggg	gaggcccctg	tcacag	1616

<210> 193

<211> 476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477).

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (30)...(476)

<223> similar to gil297319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 193

attatacaag	gaatgcttct	aatctggaaa	gaaatgacct	acggattgag	gatggcatct	60
cttccacact	gccgtccaaa	gaatcaagaa	ggaaggggtg	tctggactac	ctaaagcagg	120
tagagaatga	aacaagaaac	aatcagaaa	atgaaaagaa	ccgcaatcag	gaagacaaca	180
aagtcaaaga	ccttaaccaa	gagattgaga	aacttaagac	gcaaatcaaa	cactttgaat	240
cgttggaaga	agagcttaag	aaaatgaagt	ccaaaaataa	cgaccttcag	gataattacc	300
taagtgaaca	aaataaaaaa	aaattattag	ccagccaatt	ggaggagata	aagctctaatt	360
caagaaacag	aaagagttag	aaaatggaga	ggtagaaggg	gaagatgctt	tcctgccaca	420
aagcaacgaa	atctcgaccg	gngtcgtcc	gatgtctcta	agggctatac	gactcg	476

<210> 194

<211> 1686

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1687)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(1689)
 <223> similar to gi2351568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 194

caggggttacc	cggaggagta	tgaggagcac	aggggaaagg	gcagctttca	cagctatgat	60
ctctccagca	tatcagaacg	ccatgaagct	tcaggagctc	gctagtgcga	tcaaatacag	120
gcaggacttc	gataagatga	aaggcgctgc	acattatcac	tcgcttccag	ctcaagacaa	180
cttggttctc	aaacaggctc	agagcgtaaa	caaactcgtg	agtgagaata	aatataaaga	240
aaactaccag	aaccacatga	gaggccgcta	tgaaggagtt	ggatatggaca	gacgcactct	300
gcatgctatg	aaagtggggc	agcctggcaa	gcaacgttgc	ctacaaaggc	tgattataac	360
catgggtattg	tcgacttaca	aantacccca	gccactctca	cgccttccta	tcaaacagct	420
atgaaactgg	tgcccttgaa	agatgccaat	tataggcaga	gcatcggaca	agttgaagta	480
cagcttggtg	actgacaccc	cacagattgt	tcaagccaaa	atcaatgccc	agcagctgag	540
tcatgtgaat	taccgtgctg	actatgagaa	aaataagttg	aattacacat	tgccccagga	600
tgttccttca	gctggtgaag	gccaaaacca	atgccaaact	cttcagtgcg	gttaagtata	660
aagaaggctg	ggagaagaca	aaggggaaag	gatttgagat	gaagctggat	gccatgtctc	720
tgctggccgc	caaagcctct	ggggagcttg	ctagcaatat	taaatataaa	gaagaatatg	780
aaaagacaaa	aggcaaagcc	atgggaacag	ccgactctag	gcttctgcac	tccctgcaga	840
ttgctaagat	gagcagtgcg	gttgaatata	agaaaggctt	tgaagagagt	aagaccgggt	900
ttcacctgcc	catggatatg	gtaaacatca	ggcatgctaa	gaaggcccaa	actctcgcca	960
gtgacctgga	ctacaggaag	aaactgcatg	aatacactgt	gctgcctgaa	gatatgaaga	1020
ctcagtgggc	caagaaggtc	tatgggcttc	agagcgagct	gcagtacaag	gctgacctgg	1080
catggatgaa	gggagttggg	tggctgacag	aggggagctc	caacttggaa	caagccaaga	1140
aggctggaca	gctggtcagc	gagaaaaact	accggcagag	ggtcgatgag	ctgaagttca	1200
ccagcgtgac	cgacagctcc	cagatggagc	acgccaagaa	gagccaggag	ctacagagcg	1260
gggtggccta	caaggcagga	aatgagcagt	ctgtccatca	gtataccatc	agcaaagacg	1320
agcctctctt	cctgcaggcc	cgagccaatg	ctgcaaatct	cagcgagaaa	ctgtataaga	1380
gcagctggga	aaaccagaaa	gcaaaaagggt	ttgagctgcg	tcttgattcc	ttgaccttcc	1440
tggcagccaa	agccaagagg	gacctggcta	gcgaggtgaa	gtacaaggag	gattatgaga	1500
gatccagagg	gaagctcatt	ggggcaaaaag	atgtacaggg	agattcgcaa	atgagccact	1560
cactgcaaat	gtccaagctg	cagagtgcgc	tggagcacaa	gaaaggattc	gaggacacca	1620
aatcccaatg	ccacgtctcc	ctggacatgg	tccacctcgt	gcatgcccgc	aaagctcatc	1680
atttat						1686

<210> 195
 <211> 1344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(136)
 <223> similar to gi211607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 195
tttttttttt ttgctgctgg gtcggggtttt atttcaaatt cagccacaga ggcggtttct 60
gcacaggtac gtgatccgac tccacaagct cccaccaggg gctccccatg acccgcaatg 120
acgctgtgtg ggggtcaaagg aaaacaggcc acagccaggc ccctcgatgg acgcaggcag 180
gggaccagga atgcggccca cgcaggggga tcgggaatca ggcggaaggc gcaggtttgc 240
agctggcggg aggagccagc atgccccaat ctctaaaata ttcccggtag aaaaatagac 300
atttccttcc aaagcagatt cctggggctg gagggtccct ccaaggccag ggggtccgggt 360
gattccagag catccacgct ctgcgctgaa ggcaactaac ctgccatcac tgtcacagcc 420
gtcaccggcc aaggagggtc tggaggaggg aaggggccct tgcgaggctc tgggtgctggt 480
gatccccggc cccaccaccg gaggagctga aagcccttgc tcagccgctg ccctgctggt 540
gaaccgggcc cccaccggcg gaggagctgc accctgtgtg gtctgaggca gccctgcact 600
gggcagcgcc cccgccccgc gctgaaccca ctaggagagc agctgcagca cctgtcggat 660
gcgctgggcc ctccccggca gggggggatc agagccctcc tcattccagc cccgcacag 720
ggcttccgcc ttctgcaccg tcagctctcg ggcccgccc tgcagcccct ccaggtaggc 780
cagcagggtg gagaagtgtc catcggaac ctgtgtactg tcatacatgt gcagcaggag 840
ccacgtctgc ctctgttctt gaaacctcca gttcttgtgc ttttgggcc atctgcagag 900
gtagtccagg gccagttcgg cccccgagcg cctggcaggc ggggtgctgg ccacaaggcc 960
tgcctccgc agacgtgccc tctcctcttt ctccgttcc tttttcagct tcctttccag 1020
gaccctctgc tcctctgggg acagctctgg ctctgcgtcc agcccgggcc tgagcacagc 1080
ttcgcccttg gagecggtc ctctgccact tgggtgcagc tcaggggccc gcagtggccc 1140
ctctgctgac gccttcttca gctttttgtt ctttttctct gtcacttcag gaacttttct 1200
cttctgtttt gccatcctgc gccacctgc gccacgtcg cccacctaag cgtgaacagc 1260
tgcgtcgcg acgcgcctt ccggcagggg cccgcggacg cgtgggtcga cccggcaaaa 1320
cgggtccaac ctagggcgtc gagg 1344

```

<210> 196

<211> 1617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1618)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (98)...(1617)

<223> similar to gill18097 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 196
tttttttttt ttctgtctaa atgacaacg atcgtttggg gaagtttatt accaccctta 60
ccctccagtg ggatctcaat gtcacgatga gtccggggct ggctttccgc cgggaccctc 120
ctgtcctggc acatggccca cccagcacg aagcctggcc gggagggtc aggtgggtgg 180

```

ctgctaggcc	aggcctcccc	agaacgactg	ccccatgtcc	agcctgtatc	tcttgagtgc	240
catgctgcac	tggggagggg	cagggctggc	tcggggctcc	aggaaagatg	cctcacatgt	300
gcctagaaat	gtaggcgtca	agggaaggct	gtgtgtgggg	gcacctgagg	ggctggggctt	360
cccaggcatc	tgagttctta	cggagcccta	ataggcacat	ccccaaatgg	ttgtatgagg	420
atgagcacia	aaatagcaga	tggggtcacc	ctcaccctcc	actgacaatg	gactggggatc	480
cgactcatgc	aacattcctt	ctcgcccgta	ggttccacat	ccatgggtta	ggtgtgctgg	540
cctggagccc	gccggccccg	gtccccaccg	cacaaggacc	ccatcacaag	tgggtgtcat	600
actcttcctc	cagaaacgga	ttaagcaacc	agcatgtgaa	ccttacgctc	tgtttacagg	660
ctgagtcccc	acagctcttc	cagcttcagc	caggccaggg	tcaccttcag	attgaatgtg	720
cagggccccct	gaggactcat	gtcctgagat	ggcccttctt	cctgggatgg	gacccccggg	780
ttcaggtgag	aggtgttccc	gggccccttc	acctggggct	caggtgacag	gaggtgttcc	840
gggccccttc	acctggggct	caggtgagag	gaggtgttcc	gggccccttc	acctggggct	900
caggtgagag	caagtgttcc	gggccccttc	accgggggct	caggtgagag	caggtgttcc	960
gggccccttc	acctggggct	caggtgagag	caggtgttcc	gggccccttc	acctggggct	1020
caggtgagag	caagtgttcc	gggccccttc	accgggggct	caggtgagag	caggtgttcc	1080
cgggccccctt	cacctggggc	tcaggtgaga	gcaggtgttc	cgggccccctt	cacctggggc	1140
tcaggtgaga	gcaggtgttc	tgggccccctt	cacctggggg	tcaggtgaga	gcaggtgttc	1200
ccgggccccct	tcacctgggg	ctcaggtgag	agcaggtgtt	cccgggcccc	ttcacctggg	1260
gctcaggtga	gagcaggtgt	tccgggcccc	ttcacctggg	gctcaggtga	gagcaggtgt	1320
tccgggcccc	ttcacctggg	gttcaggtga	gagcaggtgt	tcccgggccc	cttcacctgg	1380
ggctcaggtg	agagcaggtg	ttcccgggcc	ccttcacctg	gggctcaggt	gagagcaggt	1440
gttctggggcc	cctgcatctg	aggcccggga	gttgacctg	acttctctgg	cccagaaaga	1500
aaagggaaaa	ctcagagatc	acaggagaag	ggacacaagc	ggggagggtc	gcaggctgcc	1560
ccaaagccca	gctccaggct	caggaaagcc	cctccccact	ncaccttcc	ggaggggc	1617

<210> 197

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(660)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(368)

<223> similar to gi5689485 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 197

ctgaaggctg	tactttgcc	agaagagatt	tgtgtcatca	ttctgctaga	atgtggcacc	60
aaccagatc	ttatggatgt	ctatagcaac	aatgcactac	actatgctgt	gtataatgag	120
aatacactac	tggcagaaaa	actgcctca	caccatgtga	atactgaagt	gctgaacaag	180
gatactgaag	tgctgaacaa	ggatgcaaac	acaccacttt	tacttgctat	agtttgcaaa	240
acacagcaaa	aggtggaatt	ttagtgaaga	aacaagcaaa	tgtacatgct	gttgataggt	300
tgaaaagaac	agctctcatg	cctgttgtag	attatggctt	gtcaccgtat	agtttagcatt	360
cttcttcaac	aaaatattgt	cttttctcaa	gagtatgtat	ggaccggctg	cagattatgc	420
tatttttggt	ggtttgga	gccctcccca	caaattttgc	ccccttnnnn	nnnnnngatc	480

cttgaaaatg	gtcttcaaaa	tgacaaccca	gaagaagcat	ccaagaagaa	tgcaagtttg	540
aaaacaggag	gagcaagtgc	aaaagattct	gggagttttg	aagcatctgc	attcagtatt	600
taaaaaaaaa	ctgtgtgttg	actcatggcc	taaaccagat	gatgaagact	tgactttta	659

<210> 198
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(410)
 <223> similar to gil488275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 198						
agaaacaaaa	tccattgttg	agctgatggc	aattcaggag	aaagaagggc	aggccgtggc	60
tgtaccatct	tcaaagacag	actcagatat	aaggactttc	attgagagca	ataatcgcac	120
caggagtccc	agcctccttg	ctcacttaga	gaacagcaat	ccttcagca	ttcatcactt	180
cgaaaacatc	ccaaacagcc	ttgcatttct	gcttccattc	cagtacataa	accctgtctc	240
agcaccactg	ctagggttgc	ctccaaatgg	gctactgtta	gagcaaccag	ggttgaggct	300
gcgggaaccc	agcctttcaa	ctcagaatga	atataatgag	agcagcgaat	ccgaagtttc	360
tcccacacct	tataagaatg	atcaaacacc	caatagaaat	gccctgacca	gcattactaa	420
tgtggagccc	aaaaccgagc	cagtctgacg	aaatcgtcga	cag		463

<210> 199
 <211> 669
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(660)
 <223> similar to gil780975 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 199						
attgttacag	ccgaccaatt	actgggaatg	ggccagtggg	ctgcaattcg	aaaccaaact	60
atgctaaatg	atgaggttat	tgaacaactg	tggaaatgct	gcttagatgc	ttgggacaag	120
attcaagatg	atgacaaact	atgcccattg	ttttaacagc	cgtcagacgg	ggacaacatg	180
aaccgtatcc	agactttatt	gcccatcttc	aagacgcagc	agaaaaagct	atccctgata	240
gccagggcca	atgacttggt	atagaactta	tggcttatga	acaagtaaat	ccagactgtc	300
aggtggctat	ttgccccatt	aaaggcaaaa	ttccaccagg	gggtgatgta	ctcacctcat	360

```

acattaaagt ctgtgaaggc gtgaggggaa ctctgcgtac agcaatgggc atggcacaag 420
ccatgggtctc tattogaatg cctggacaat tccctggcaa atgcttccta tgcagccaat 480
cgggacattc taaaagaaat tgtccttggc atacaggccg ctgttctttt caacaccaac 540
aaccaaaatt ttttcaacaa caagccccac tttctactat atgcccacga tgccaaaaag 600
gaaatcactg ggtggctcaa tgccattcaa aatttgatat tgatggcaat cccttacggt 660
cacttccag 669

```

```

<210> 200
<211> 455
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(455)
<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 200
tacaccagag ttcacactgg agaaaagcca tatgagtgtg aggattgtca gaaagttttt 60
agcaagaagg accacctcat tgcacaccag agagttcaca ctggagaaaag gccatatgaa 120
tgcagtgtatt gtgggaagtc atctaccac agctctgcat tctgtgttca taagagagtt 180
cacactggtc acaccacctt atgagtgcag tgaatgtggg aaatcctttg ctgaaacttt 240
cagtctcatt aaacacagga gagttcacac tggagtaagg tcttgtgatt gcagcaaagt 300
tggaaaaaaa gttacctgaa ggtcttttct ccttgaatat cagagagttc aactagaca 360
aataaaatac atttgggcaa tttttagacc acacctcttt gctccttcaa gatcagagtt 420
aacactggat cagggcctta ccagtgtgac atgtg 455

```

```

<210> 201
<211> 564
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(564)
<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 201
ttttttttgt ggcagggtct cattctgtca cccaggctgg agtgcagtgg tgcagtcata 60
gctcactgca gccttgaact cctgagctca agcaatcctc ctaagtagct gggactacag 120
gtgtgagcca ccatgccag ctaattatgt tgattttttt gtagagacag gggcctcctt 180

```

atgttgccca	gactggtctc	aaactcctgg	gctcaagtga	tcctcccgcc	aggccggaac	240
tcagactttg	gtctctgctc	ctcccatgtc	acccatcttc	ccgaggaagt	gacctaccat	300
tgggtgtgat	gtgacagaag	gaagaaaaat	gtctcaccag	agatccagcc	agccacaaat	360
tcctccaccg	gcattgtctg	ggcttgccgg	aacaggcctg	gctgttctct	tcagggttgt	420
ttacgactcc	cccgactccc	ccgtgtgagt	cagaaacaca	gccttcctcg	gcttctctct	480
tcccagggga	aagatagggg	ttttgattat	ttaaagtgcg	tgttgatctg	caatggcacc	540
attctgctca	gtcaaaacac	gaaa				564

<210> 202

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (816)...(33)

<223> similar to gil263289 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 202

cacccacgcg	tccggtgaac	atgaacctca	tggatgcctc	cgtgcctctc	cctggccctt	60
gggctgctgg	agagtgtgac	cttgagcagc	ccagccctgg	gccagctggt	caagagcgag	120
gtgcccctgg	ataggtgct	ggtgcaccta	caggtgatga	accagcagct	gcaaaccaag	180
gccatggccc	tgctgacagc	cttgctgcag	ggggccagcc	ctgtggaacg	caagcacatg	240
cttgactatc	tttggcagag	gaaccttcgc	cagttcatct	ataagaacat	catccacagt	300
gcagcaccaa	tgggcgacga	gatgggtcat	cacctgtacg	tactgcaggc	tctcatgctg	360
gggctgctgg	agccgcgcat	gcggacgccc	ctggaccctt	acagccagga	gcagcgggag	420
cagctgcagg	tcctacgcca	ggctgccttc	gaggtggagg	gggagtcctc	gggtgccggg	480
ctaagtgctg	accgtcgccg	ttccctctgt	gcccagagat	tccgcaaact	gggcttttct	540
aacagcaacc	cagcacagga	cctggagcgc	gtgccccccg	gtactgctgg	ccctggacaa	600
catgtttgtac	ttctccagaa	acgcgcccag	cgcgtacagc	cggtttgtgt	tggagaacag	660
cagccgcgag	gacaagcacg	agtgccctt	tgcccggggc	agcatccagc	tgacggtgct	720
gctgtgtgag	ctgctccgtg	ttggggagcc	ctgctctgag	acagcccagg	acttctcacc	780
catgttcttc	ggccaagacc	agagcttnca	cgagct			816

<210> 203

<211> 1682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (215)...(1669)
 <223> similar to gi4240291 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 203

cggacgcgtg	ggtgtagcct	gggatgtcct	gccaggttgg	gatgggaaac	gctgactacg	60
tggtgcctt	cctgcacctg	ctgtccccc	tggcctttga	ggtgactgca	cggagggctc	120
cccagggca	gccgggtggg	agggggaccc	tgtgcctgga	gtgcgccagt	gaaggcagga	180
ggagggttat	gagctgtccc	actcctgtgt	ggctggggaa	ggtgctcagg	aggggatggg	240
atgggccttg	ctcgccctca	cctgggctcc	agcccctctc	tgtcgaccct	ccccactccg	300
gcctggcctg	tagtttgacc	ctgagctggt	gctggctctg	gcaggatttg	actcagccat	360
cggggaccct	gaggggcaaa	tgcaggccac	gccagagtgc	ttcgcccacc	tcacacagct	420
gctgcaggtg	ctggccggcg	gccgggtctg	tgcctgtctg	gagggcggct	accacctgga	480
gtcactggcg	gagtcagtgt	gcatgacagt	acagacgctg	ctgggtgacc	cggccccacc	540
cctgtcaggg	ccaatggcgc	catgtcagag	tgccctagag	tccatccaga	gtgcccgtgc	600
tgccaggcc	ccgactgga	agagcctcca	gcagcaagat	gtgaccgctg	tgccgatgag	660
cccagcagc	cactccccag	aggggaggcc	tccacctctg	ctgcctgggg	gtccagtgtg	720
taaggcagct	gcatctgcac	cgagctccct	cctggaccag	ccgtgcctct	gccccgcacc	780
ctctgtccgc	accgctgttg	ccctgacaac	gccggatatc	acattggttc	tgccccctga	840
cgatcatcaa	caggaagcgt	cagccctgag	ggaggagaca	gaagcctggg	ccaggccaca	900
cgagtccctg	gccccggagg	aggccctcac	tgcacttggg	aagctcctgt	acctcttaga	960
tgggatgctg	gatgggcagg	tgaacagtgg	tatagcagcc	actccagcct	ctgctgcagc	1020
agccaccctg	gatgtggctg	ttcggaagag	cctgtcccac	ggagcccaga	ggctgctgtg	1080
cgtggccctg	ggacagctgg	accggcctcc	agacctcgcc	catgacggga	ggagtctgtg	1140
gctgaacatc	aggggcaagg	aggcggctgc	cctatccatg	ttccatgtct	ccacgccact	1200
gccagtgatg	accggtgggt	tcctgagctg	catcttgggc	ttggtgctgc	ccctggccta	1260
tggcttccag	cctgacctgg	tgctgggtgg	gctggggcct	ggccatggcc	tgaggggccc	1320
ccacgctgca	ctcctggctg	caatgcttcg	ggggctggca	gggggcccag	tcctggccct	1380
cctggaggag	aactccacac	cccagctagc	agggatcctg	gcccgggtgc	tgaatggaga	1440
ggcacctcct	agcctaggcc	cttccctctg	ggcctcccca	gaggacgtcc	aggccctgat	1500
gtacctgaga	gggcagctgg	agcctcagtg	gaagatgttg	cagtgccatc	ctcacctggt	1560
ggcttgaaat	cggccaaggt	gggagcattt	acaccgcaga	aatgacaccg	cacgccagcg	1620
ccccgcggcc	gcgatccgga	ccccaagccc	acggctccct	cgactctggg	gcacggaacc	1680
cc						1682

<210> 204
 <211> 1798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1799)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (106)...(1743)
 <223> similar to gi3044185 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 204
gcacgagagc tcgtggccat gatcgtgaac cacctcaaga gccaggggct cttcgaccag      60
ttccgcagag actgcctggc cgacgtggac accaagcctg cgtatcagaa tctgagacag      120
cgtgttgaca actttgttgc aaatcacttg gcaactcaca catggagtcc gcatctcaat      180
aagaaccagc taagaaacaa cattagacaa caagtcctca aatcaggaat gttggagtct      240
ggtattgacc gaattatttc tcaggtttgt gacccaaaga tcaaccacac attcagacct      300
caggtagaga aagctgtgca tgagtttttg gccacgctaa atcacaaaga ggaaggaaagt      360
ggcaacacag ctcccgatga tgagaaacca gacacttccc ttattacaca aggtgttcct      420
actcctgggc ccagtgtctaa tgtagccaat gatgccatgt cgatattgga aaccataact      480
tctcttaacc aagaagccag tgctgctagg gcttcaacag aaacatcaaa tgccaagacc      540
agtgagagag cgtcaaaaaa acttccatct cagccaacca ctgatactag tactgacaaa      600
gaaagaactt cagaggacat ggctgataaa gaaaaatcta cagctgactc tggaggtgaa      660
ggactggaaa cagcccaaaa gtctgaagag ttcagcgacc tcccctgtcc agtcgaagaa      720
attaaaaatt acacaaaaga gcataataat ttaattctgc taaataagga tgttcaacag      780
gaaagcagtg agcaaaaaa taaatcaaca gacaaagggtg aaaagaagcc agccagcaat      840
gagaaaggag aaagaaagaa agaaaagaag gaaaagactg aaaagaatt tgatcactca      900
aaaaagagtg aagatacaca gaaagttaaa gatgaaaaac aagcaaagga aaaagaagta      960
gagagtttaa aacttccttc agaaaagaac agtaataaag ctaaaactgt tgaagggaca     1020
aaagaagatt tctctttgat agattctgat gtggatggac ttacagacat cacagttagc     1080
tctgttcata ccagtgcact ttcattcttt gaagaagata ctgaggagga agttgtaacg     1140
tctgatagca tggaagaagg agagattacg tcagatgatg aagagaagaa caaacagaat     1200
aaaacaaaaa ctcaaactag tgattctagt gaaggaaaaa caaaaagtgt acggccatgc     1260
gtatgtccac aaaccatata tttactcaaa atactatagt gattctgatg atgagcttac     1320
tgtagaacaa cgacgacagt ccattgccaa agaaaaagaa gagaggcttt taagaaggca     1380
aatcaataga gaaaaacttg aagaaaaaacg aaaacagaaa gcagaaaaga caaagtcttc     1440
aaaaaccaag ggtcaaggca ggagtagtgt ggacttagaa gaatcatcaa caaagagttt     1500
ggaacctaaa gccgccagaa ttaaagaagt ccttaaagaa cggaaagttt tagaaaaaaa     1560
agtagcctta agcaaaaaa gaaaaaaaaga ttcaaggaat gttgaagaga actccaaaaa     1620
gaaacagcaa tatgaagaag attccaaaga aacccttaaa acaagtgagc attgtgaaaa     1680
ggaaaaaatt tcttcttcaa aggagctgaa gcatgttcat gcaaaaagtg aaccaagtaa     1740
acctgcccgg agactttcac accctttgca tgtagttgnc gaaaacaaaa atgaatcc      1798

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<210> 205

<211> 502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(250)

<223> similar to gi2204213 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 205

```

ctcacaaaaat gggatctctt tggttaattgc tacagattat tgaagactgg aattgaacat      60

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ggagccatgc	cagaacaggt	aggagtttat	tggtattcct	tctgtatgac	tctagaaagt	120
tgtttttctg	aagtcatatg	attatcagaa	gccttttata	gaaagtaatt	gacgattcat	180
tagggcagct	gcctcttttg	agagaattat	tgctgtagta	attaaatggt	attgatatgg	240
gtattatact	ggcttatgtg	ttaagagtag	aaaaaacttt	tgctataaca	tatcttaaaa	300
attttactgt	taaggtagac	ttttctctat	taggagaaat	accattaata	tctatggcag	360
caattttaaa	actttggata	atgaaaattg	atgatgggta	tattccagcc	gtgttctagg	420
tattaatcat	attaagtatg	gcttagtttt	tatattagaa	ccatagttaa	attaacatgg	480
cagcctttaa	tagactttag	aa				502

<210> 206
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (68)...(793)
 <223> similar to gil469243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 206						
tctttctttc	tttctttctt	tctctttctt	tccttcagca	ctggatctcg	cttacagtag	60
gttttattta	ataattctcc	tccttacact	ttctgtctca	ccagtttccc	ctcaaactga	120
tttacctgct	acataaaatt	attcttattg	ggcttatgtg	ccttttctct	cacttattcg	180
acctctcacc	tggatggatg	ctcctgcaga	aatctatact	aacgatagtg	tatatatgcc	240
tggagctaca	gatgaccatt	gccccactca	accaggagaa	gaaggcactg	catttaatgt	300
tactatgggt	tataaatacc	ctcctctgtg	cctcggacat	gcaactcgtt	gtatccatct	360
agaaactcaa	gtctgggctg	cttatcttct	ggagagatta	gctacaggaa	aatggggaca	420
tttgggtctc	ggcctctccc	tttctccttt	aagacaaatg	aaagggggag	taatgagaga	480
taccccatat	tttcaatata	aacctgtagg	aaaatcatgt	cctaaaaaatt	ttgaggggccc	540
atctaaaact	ttaatttggg	aagatttgtg	taactcacat	gtagttagtat	taaaaaatgc	600
ctcatatggt	ttagtaatat	actgggcacc	aaagggttat	tttaaaaaaac	aattgtctct	660
ctggtggaag	ggaatgcctg	gaggctactt	attttatttc	tcattggggag	gacaaggatc	720
atcatcctac	tttgcatagg	agggtcagct	cattctttcc	cttataatgg	gaagataang	780
gcattacccc	cac					793

<210> 207
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(899)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (155)...(898)
 <223> similar to gil9867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 207

ggcacgagga	agtgggtgag	gttgggggtcc	caccagagat	gagggactcc	tggaggaagt	60
gtggacattc	ctggctaggg	tgggagtccc	aggagaggtg	tgtcaaggct	gggactcctg	120
aagtgaatgt	ggatgtccct	gtctgggatg	gggacctggg	aggcaggagc	caagggctgg	180
ctacgtgcc	tgtcacacag	cagaggagct	cctcatctgc	catgggtcat	gtgggcagcc	240
cctgacacca	cccttccatc	tgccccactt	ttcagcaccc	tccagccctc	cacttgcagc	300
acagtcccct	gaggggcacc	atggacacca	agaaccagcc	tccacatcct	tcctacctaa	360
caggattcag	gaggagtggg	ggttgctggt	tcggtcacag	aaggacctgt	attgggatgc	420
gatgctggag	aagtacggca	cagtggctctc	cctgggtgag	gaccagccag	ccccaccccg	480
cccctctccc	tggggcctgc	acccaccctg	cagcaggcct	agctgggcag	ggcctctgtg	540
ctaccagccc	taccagctc	tcccaccttc	cagaggaaca	ccctgtcacc	taccagaacc	600
gacccccccc	ctccttcatg	caaaccccat	gcctaactgt	gccccccacc	cgggcagggg	660
taccgcccc	ccagccagag	gcacaggccc	agtcagagct	ggggatgctg	ctcacggnga	720
caggcgtctg	cagaagcctg	cgctcgggga	gtgccccaca	ccatccagcc	tgaatcacc	780
ctcctgtatc	gggggacctg	agccaccac	tcatggnngg	acggagcttg	gccacagcac	840
aagcctcaaa	ggaggggtgt	gagngccgga	ctcacctgtt	tgcccctgcc	cccaggaa	898

<210> 208
 <211> 1267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1270)...(631)
 <223> similar to gi4056437 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 208

tttttttttt	ttcagaaaca	tatcgaaaac	tttactagaa	atatagagaa	aaaaaaataa	60
ctgcctggga	ggtttctgt	cccttcagga	tggatgacca	acagatgggg	cacctagggtc	120
cagtggggct	gtcctccgac	tactgtttct	tcctccagga	gcaaggcatc	tagctcctcc	180
agccgctgct	ggagcagggg	gccacatca	gggctggggg	ccacattggg	aggaacagtc	240
ctgccccctg	cagcccgac	cccacgggac	ggtcttcgtg	atcgaggaag	gctgctgtcc	300
cgaaattcca	cagcccgccg	gagcttcctt	gagctgggtg	aaatcagagt	cccattgcgc	360
tcccgggggt	cctcaaagat	ggtctcaaag	gtcctcctgg	ttgtgggtga	ttggtaattc	420

ttgttggtgt	aaattttcttc	caagctgaac	tcctttcttgt	tcaacctgat	tggtcgaggc	480
agtcccattg	gtgtaagggt	tagctgagga	cgggctgggtg	ttctgcgtat	tctgaatcga	540
gaaacctttc	ccatgggtctt	ggtctcaggt	tctgaaagca	cctgggtcctt	tgaggctctt	600
ggctccttcc	ctttgggttga	acccaacctg	ggttctgctg	gttcggagaa	ggaagtggat	660
gccgtggacg	agcaagatgt	ggtgagagaa	ggggagggtc	ccactcctcc	gagaggggaa	720
acctctttcc	ggagacaggg	ccgaggggggt	ggcgggggtc	gggccatttc	cccaccaccc	780
acagtgtgcc	gccgcggccg	tggtcggctt	ggttgggggtg	gagcaggtgg	ccaggtgcag	840
gtacctgggc	cagggggccc	cagatcaggg	caggagtagc	ttcggcccag	agagggctta	900
gggagaagtg	ctgggggtatt	gtggtcctga	gttcgccact	ggcggattgg	gggccggggg	960
ctgacagacg	cagtgccttc	agcagcccca	gactgctcgg	cctctgagat	ggcgatcttc	1020
aactccagct	tcattggggg	ggacgggggt	gggggctgtg	gggttttgtt	ggcggtgagg	1080
aagatgtcag	caaagctctc	cagcttgagg	cggacggaac	ggaagagcgg	ggccaagccc	1140
cagggactga	ggcgggggcg	taaaaggctg	gacggtgggtg	gggtggatgg	gagctccaga	1200
gcaggatctg	gggctgttgg	tgggctctcc	agaggggtctg	caggcagagc	agatggctgg	1260
aatgggg						1267

<210> 209

<211> 2103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (872)...(2103)

<223> similar to gi2072948 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 209

ctaagatgct	tttattttacc	ccagttaata	ccaccttacg	gaaaataata	tttgctaata	60
ttgtttattg	tgaactagaa	tcaaagtttt	tgtatgcac	aatgcactta	atccttataa	120
caaccttatg	aggtagttct	attccctttt	tatagctaag	gaatttgggg	tacagagaag	180
ttagcccca	ggttatatat	tgcaagtaag	tggcagagca	gggattcata	caaagacctt	240
ctcactcagc	agtcttcact	cttactattc	ctgccactag	gtagaaaaag	aaagatttcg	300
gccgggcaca	gtggctcacg	cctataattc	ccagcacttt	gggaggctga	ggtggggcga	360
tcacgaggtc	aggagatgga	gaccatcctg	gctaacacag	tgaaaccccg	tctctactaa	420
aaataaaaaa	taaaaaaaaa	ttagccaggc	gtgggtggcg	gtgcctgtac	gccagctac	480
tcgggaggct	gaggcgggag	aatggcggtg	acccaggagg	aggagcttgc	agtgtgccaa	540
gatcgcacca	ctgcactcca	gcctgggtga	cagagcgaga	ctccatcaaa	aaaaaataaa	600
taaaaaaaaa	ataaaagatt	tcatttttatg	tgaggaaatta	ttttaataaa	aaaaagaggg	660
tttatgtctc	atagtaataa	aattttaccag	taacacccaa	tcagaaaatt	ttgggtcctt	720
agtatttagg	gaagactttt	gtttaaatct	cttatggaat	tttacctgtt	ttgatattaga	780
aaagtagatg	caatataata	tattttcaagt	tttatacata	ttagatgaat	tgcatgggat	840
tttaggcaac	ttaactataa	acaaatttat	tcatagaagc	attgttgcca	acaatttaga	900
tgacctcgat	gaaaaaacac	accaattgac	aaaactggct	caaaaggaaa	taaaaaatcc	960
aaacagacct	gtaacaagta	aagagattga	accagtaatc	aaaaatctcc	caacaaagaa	1020
agtccaggat	taaatgagtt	tactggcaaa	ctatgccaaa	catataaaga	agaattaaca	1080
ctaactcttc	ttgaactctc	ccaaaaaatg	gaagagaaaag	gagcaccctg	tgacattcta	1140
taaggcggac	attaccttaa	caccaaagcc	agacaaagac	ctcacaggga	agctacagac	1200
caatatccct	tatgaatata	gatgcaaaaa	aacttcaaaa	tactagcagg	ccaaatccag	1260
cagcttatga	aaatgatcac	acagcatgac	caagtgagat	ttatcaaaga	aatgcaggga	1320

tggttctaca	tacaaatgtc	aatcgatgta	ataatatacc	atattaatag	aatgaagggg	1380
aaaaaacagc	atgatcacct	caattgataa	gaaaaagcat	ttgacaaaaa	tccaacaccc	1440
tttcatggta	aaaacactct	gcaaactagg	aagaaaaggg	aactttctta	acctgataaa	1500
gacatccata	aaaaccccaca	gctaacaaca	taatagcaaa	acattgaaaa	tttttcccct	1560
aatatcatga	aaattcctga	tttccccact	gctattcaac	attatactag	aaggtctagc	1620
cagagcaatt	aggcaagaaa	aagaaataaa	atgaatccca	aataggaaga	agtaaaaacta	1680
catttgcaga	aaacatgggc	ctatatatta	aaaatcctaa	agaatccaca	aaatgattcc	1740
ggctgatttt	aaaaattcag	caatgttgca	ggttgcaaga	tcaacacaca	aaagtctaag	1800
aaaaacctga	ggggaaatta	aaacaatttc	atttacaata	acatgaaaaa	gaataaaaata	1860
cttagaaata	aatttgacca	agaaagtgc	agacttggac	actgaaaagt	acaaaacgtt	1920
gctgaaagaa	attaaagaag	acctaaataa	atggaagaca	tcctgtgctg	gcaggttggg	1980
agacttaaca	ttgttaagat	ggcattactc	ccaaaattag	tctatagatt	taataacaatc	2040
cccattaaaa	ttccagtgac	cctttttacag	aaactgaaaa	gctgacccta	gaatttatat	2100
ggg						2103

<210> 210

<211> 1627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1448)... (15)

<223> similar to gi30058 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 210.

cttaggagcc	ccccaccgag	ggtggacaca	gtccctttcc	ttcctgcaga	tgccctaggca	60
ggaggagggc	ttcctgcctg	tttggcaaag	tcccaggcag	aggccaagga	tgaggcctga	120
ctcggctcct	ccctccacat	cagccagggc	atcagaagt	gggccagggc	ggggctctcc	180
ctgctcgatt	ttggacgagg	cctaagtaga	ccccctatgc	cctgccccag	ccctggctct	240
ttcctaacc	cctcaacggg	gggaggaact	ggcagagggt	gcgcctggcc	acagcctccc	300
cgcactctaa	ggccccctca	gttcttgacc	aaagggtgta	cgagaacctg	ccgtggaaac	360
ttccagttgt	gcgtctgccc	cactcgtctg	gtttgtccgt	gggttcatac	atgcattggg	420
tgctaggccc	caggctgccc	ggtggcacc	tttacagttc	ctttgaacag	gggcattgaa	480
ggcctggact	gcctctcgcc	tcagtaggcc	tggggaccag	gcttgggtct	ggaggtttgc	540
tgtggaagtc	accaggcctc	ccctcctggc	ccaggtgtgc	tgggggcacc	gtgcccccca	600
ccccctgccc	ctcctcaggg	tggtcagccc	aacctgtcgg	accttcactt	cacatcatgg	660
tggggaccga	gatagagagg	gagaccccat	tccaagctcc	ctcttcctcc	cgggtgttgg	720
ggaggatgct	gaagaatcca	ttcccagagg	cctcccggct	tgccccagcc	cctcttttgc	780
ttctgaccac	ggaggctttc	tcacagccca	gcctgcctga	agcaaaggag	gctcccgtgt	840
cctgggcagc	ttctgtttcc	ctctgctgcc	tgggagctga	ggcaccctg	ccagtggcag	900
aggccacagc	cccagcctta	ggccaggccc	tgggagggca	ggcaggcaaa	ggggagacca	960
gagggctctgt	gttctccagg	agaatgaggg	tggttggtccc	agaattggga	ccggggcccc	1020
gctggccagc	cctggggccac	ttcccgggtc	tccattgtgc	gtgggtggcg	tgttccaggc	1080
gtggctggag	ctggcttctc	ggctgtgctg	ccatgggccc	ctccctcaaa	agcacgttgg	1140
caggaggccg	atcagaaccc	tagcgccttt	ggtcctaaga	atgggaggct	gccttccttc	1200
ccaatctccc	tgccaggggc	cacagcgtgg	ccctagccct	ccccctccc	ggatgtagaa	1260
cggggaccct	cgcagggttg	gggcgggggc	tgatactcct	cggccccctc	ctaccctgcc	1320
ctgtgtgttg	gctttgtggc	cgtccaagtg	ccaattggct	tttcgccc	ataagggctg	1380

gtattttctcc	tctgtccttg	gaggtgattt	ccccctgacc	ccctccccca	ggtagtgac	1440
cacctgggtg	ccagttacag	gtgtttccag	agaccataga	aatgtgtttt	cctgagagtt	1500
cgtgtcattc	gtgacttttt	tgtaaagaag	ttgtgttttc	agaggtgatt	ttatgacagg	1560
aaagtgaag	aattagtttt	gcaaaaaaac	aaaaacaaaa	aaagaggaaa	aaaaaaaaaa	1620
agggggg						1627

<210> 211
 <211> 1100
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(797)
 <223> similar to gi4585574 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 211		
cgtggagccc	ggcgcttca acaacctctt caacctccgg acgctgggtc tccgcagcaa 60	
ccgcctgaag	ctcatccgc taggcgtctt cactggcctc agcaacctga ccaagctgga 120	
catcagcgag	aacaagattg ttatcctgct ggactacatg tttcaggacc tgtacaacct 180	
caagtcactg	gaggttggcg acaatgacct cgtctacatc tctcaccgcg ccttcagcgg 240	
cctcaacagc	ctggagcagc tgacgctgga gaaatgcaac ctgacctcca tccccaccga 300	
ggcgctgtcc	cacctgcacg gcctcatcgt cctgaggctc cggcacctca acatcaatgc 360	
catccgggac	tactccttca agaggctgta ccgactcaag gtcttgggag atctccact 420	
ggccctactt	ggacaccatg acaccaact gcctctacgg cctcaacctg acgtccctgt 480	
ccatcacaca	ctgcaatctg accgctgtgc cctacctggc cgtccgccac ctagtctatc 540	
tccgcttctt	caacctctcc tacaacccca tcagcaccat tgagggtccc atgttgcatg 600	
agctgtctcg	gctgcaggag atccagctgg tgggcgggca gctggccgtg gtggagccct 660	
atgccttccg	cggcctcaac tacctgcgcg tgctcaatgt ctctggcaac cagctgacca 720	
cactggagga	atcagtcttc cactcggtgg gcaacctgga gacactcatc ctggactcca 780	
accgcgtggc	ctgcgactgt cggctcctgt ggggtgttccg gcgcgcgtgg cggctcaact 840	
tcaaccggca	gcagcccacg tgcgccacgc ccgagtttgt ccagggcaag gagttcaagg 900	
acttccctga	tgtgctactg cccaactact tcacctgccg ccgcgcccgc atccgggacc 960	
gcaaggccca	gcaggtgttt gtggacgagg gccacacggt gcagtttgtg tgccggggccg 1020	
atggcgaccc	gccgcccgcg atcctctggc tctcaccgcg aaagcacctg gtctcagcca 1080	
agagcaatgg	gcggtctaca	1100

<210> 212
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(739)

<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 212
tcgctgaaga aaaaccgttt gaagtttaga aatgcaggaa atccttcaac cagcttgaat    60
cactgaatat gcatttgaga aatcacatta gattgaaacc ctacgaatgc agtatatgtg    120
ggaaagcctt tagtcatagg tcgtccctgc ttcaacatca cagtattcat actggagaga    180
aaccttacga atgtattaaa tgtgggaaga ccttcagctg tagttcaaac cttactgtac    240
atcagagaat tcatactgga gaaaagccat ataaatgtag tgagtgtggg aaagctttta    300
gcaaaggctc gaatcttact gccatcaaaa gagtacataa tggagagaaa cccaatagtg    360
tggttaagtgt ggaaaagcct ttagatcata tgaatcccta tacatgtgag aaatcttaca    420
gaagagaagc agtgtttatc acggtaaaact tcattcatag atcctccctt atttaacatc    480
agaaaaatgt atactgggga aaagttgtat gaaggtggtg aacatgggag acttttagca    540
atgatgcaga tttttttatt agagtttata ctgtagagaa atcatatgaa gtcaataaat    600
gtgggaaagc ctttgtcagt attaatccct taattgacct aagtatactc acactaggaa    660
aaatctgtgt acctgtagga gtttgcagga gattcctatt gcctatagtc tttcccat    720
atgctacatg tagtcgacg                                     739

```

<210> 213
<211> 1905
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (506)...(1905)
<223> similar to gi3135968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 213
gcggccgctg cttcaggctg gcgggctcca gggagacctg ggtgggcagc gtcgccgttt    60
ctcctttctt gggcagtatt tttcccagcg ccacgcggag gctgggccat tatgagctct    120
gcatttccag gacctggtca ctattcagga cacggttcca gcgcagtgcg cgttagccat    180
gtctcaggga tgagtgacat tccaagatgt ggccattgac ttctccaagg aagagtgggg    240
attcctgaac cctgctcaga gagatttcta cacaactgtg atgctggaga attatcagaa    300
cctggcttgg ctgggacttt ccatttctaa atctgtgatt tcactgttgg agaaaaggaa    360
actgccttgg ataattggcaa aagaagagat aagaggccca ttgccagatg tgccaggtgc    420
agagattaag gagttatctg caaagagggc tattaatgaa gtattatcgt agtttgacac    480
agtataaaaa tgtacaagaa acgtatgtaa ggaatgtgga aatctatact gccacaatat    540
gcagcttact ctccataaga gaaatcatac acaaaaagaaa tgcaatcagt gtttagattg    600
tggaataac ttcactcgtc aatcaactct cattcagcat caaagaatcc acacgggaga    660
gagaccctat aaatgtaacg aatgtattaa aaccttcaac cagagggcac accttaccta    720
gcatgagaga attcacactg gtgagaaacc ttacaaatgt aaggaatgca ggaaaacctt    780
cagccagatg actcatctca cacagcatca gactacacat acgagagaaa agttccatga    840
atgcagtgaa tgtggaaagg ccttcagccg tgtctcagct cttatagatc accagcgaat    900
tcatagtgga gaaaagccgt atgaatgtaa ggagtgtgga agagccttca ctcaaagtgc    960
ccagctcatt agacatcaga aaactcattc tggagaaaaa ccctatgagt gtagtaagtg    1020

```

taagaaatct	tttgtgcacc	tgtcttccct	gattgaacat	tggagaattc	acactggaga	1080
aaaaccatat	caatgtaagg	actgcaaaaa	gaccttttgt	cgtgtgatgc	agttcactct	1140
gcacaggaga	attcatactg	gtgaaaaacc	ctatgaatgc	aaggaatgtg	gaaagtcctt	1200
cagcgcccat	tcttctcttg	ttactcagaa	gagaacacac	agtggagaaa	aaccgtataa	1260
atgcaaggaa	tgtggaaaaa	ccttcagtgc	gcactcttcc	cttggtactc	ataagagaac	1320
acacagtgga	gagaaaccct	atacatgcca	tgctgtggg	aaggccttta	atacttcctc	1380
cacactttgt	caacataata	gaattcatat	tggtgaaaaa	ccctttcagt	gcagtcaatg	1440
cgggaagtcc	tttagtcctt	tagctgcagc	tctcacctta	ctcgacactg	tagaatgtgt	1500
aatggaaaaa	ttagcaaata	acaaaaactc	aaaatgttaa	ttctgattat	tctgtatcat	1560
caccagtact	ttgtactttg	agtcttttta	aatatgctct	gttagtttgt	atggaatgat	1620
atttcattgc	acttttaatt	taacttaaaa	atgccttccc	ttgactgttg	atatgtattt	1680
tttgtgaagt	gtgtgttgaa	gccttgacga	ttatttttta	aattagaggt	ttatcactag	1740
gtatatctcc	taatgctatc	cctccccctc	ccccctaata	taaatgacga	gttaatgggtg	1800
cagcacacca	acatggcaca	tgtatacata	tgtaacaaac	ctgcacgttg	tgccatgggt	1860
accctaaaac	ttaaagtata	attaaaaaaa	aaaattagaa	aaaaa		1905

<210> 214

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(755)

<223> similar to gil477470 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 214

ggcaagaata	tgcgatacat	tgccagtctt	gtcaatgctg	acaaattggc	tggccgaact	60
cgcaaataca	aagtgatctt	cagccctcaa	aagttctatg	cgtgtgagat	ggtgcttgag	120
gaagagggaa	tctatggaga	tgtgagctgt	gatgaatggg	ccttctcttt	gctgcctctt	180
gatgtggatc	tgctgagcat	ggaactacca	gaatttttca	gggattactt	tctggaagga	240
gatcagcggt	ggatcaacac	tgtagctcag	gccttacacc	ttctcagcac	tctctatgga	300
ccctttccaa	actgctatgg	aattggcagg	tgcgccaaga	tggcatatga	attgtggagg	360
aacctggagg	aggaggagga	tggcgaaacc	aagggccgaa	ggccagagat	tggacatatc	420
tttctcttgg	acagaggtaa	attatgccca	gcgttctctg	catctttcag	ccctagaaga	480
cacgggaata	tggaaggcgt	ggtggcgaag	ttaaaatcct	aaagttaggg	ctgtgaatcc	540
cagctttgag	gagcgtgggt	ccttggccct	atggaaagta	tcaaagctgc	ccttggacat	600
gctgtgtaga	aggctgggtc	agggagaacc	ttcatgggtc	gggatctctg	tttcagatgt	660
ggactttgtg	acagcacttt	gctcccaagt	ggtttatgag	ggcctagtag	atgacacctt	720
ccgcatcaag	tgtggtaagt	gctatgggtc	tctgcatctt	ggcaagatgg	acgggtcatc	780
agccttggca	cctgccacgt	ggggcagggt	ttgtgggaga	gacccacacc	ctgaatgaac	840
tgc						843

<210> 215

<211> 1033

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(684)
<223> similar to gi2662081 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 215
ggggcgagac agctctggac atagccagga agaagcacca caaggagtgt gaggagctgc 60
tggagcaggc ccaggcgggg acccttgcct tccctctaca tgtggactac tcctgggtaa 120
tttccacaga gcctggctct gacagtgagg aggatgagga agagaagcgc tgcttgctga 180
agctccccgc ccaggctcac tgggccagtg ggaggctgga catcagcaac aagacctatg 240
agactgtcgc cagcctggga gcagccaccc ctcagggccg agagtgagga ctgtcccccg 300
cccttgccag tcaaaaaactc ttctcggact ttggtccaag ggtgtgcaag acatgccagt 360
ggagatcggt ctgaagtctc cagcctgagt tcagaggccc ctgagacccc tgagagcctg 420
ggcagtccag cctcctcctc cagtctgatg agcctcttgg aacctgggga tcccagccaa 480
gccccaccca actctgaaga gggcctccga gagccccag gcacctccag acccagcctg 540
acatccggga ccacccttc ggagatgtac ctccccgtca gattcagctc cgagagcact 600
cgctcctatc ggcggggggc gcggagccct gaagatggtc ctcagccag gcagcctctg 660
ccaaaagga acgtgccggt tggcatcact gaaggagatg gctcaaggac tgggagtctc 720
ccagcaagtt ctgtgcaact tttgcaagac tagctccttg ctggccccc catgccccat 780
gctaggcccc aatgttcaga gctgggactt gaagctcaca aaactgggga gctgagacat 840
ttgttctctt ggaatctcac tctctctgtc cccttggtgc tctgtaagct ggccttcttc 900
ctgccacagg ccatgcctct accaaggaca catggccttt cccttggtta aggggctgat 960
gggcgagttc ttttcctatc tcattaccg ctagggggccc tgggaagccc tgtggctgga 1020
tctaagtgtc cct 1033

<210> 216
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(850)
<223> similar to gi5824110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 216
cttctgttg cagctgttcc aggagctctg agtcctttgg ccattccaaa tgctgctgca 60
gcagctgctg cagctgctgc tggccgagtg ggtatgctg gagtctcagc tgggtggcaat 120
acagtctgtg tggttagcaa tttaaataa gagatgggta cgcaccaaag tctgtttacc 180
ctcttcgggtg tttatggaga tgtgcagcgt gtgaagattt tatacaataa gaaagacagc 240
gctctaatac agatggctga tggaaaccaa tcacaacttg ccatgaatca tcttaatgga 300
cagaaaatgt atggaaaaat tattcgtgtt actctgtcta aacatcagac tgtacagcta 360

cctcgagagg	gacttgatga	tcaagggcta	acaaaagatt	ttggtaattc	ccattgcat	420
cgttttaaga	aacctggatc	caaaaatttt	caaaacattt	ttcctccttc	tgccaccctt	480
cacctatcta	atatccctcc	atcagtagca	gaagaggatc	tacgaacact	gttcgctaac	540
actgggggca	ctgtgaaagc	atttaagttt	tttcagtaag	caagcttcct	tatctttaaa	600
ttagtgacct	gataaaaattt	ttaagtagtt	tttgttcttt	tcgtttatag	aaatttttga	660
ttccggaatg	gccaaaaattc	aagtatttaa	taagcccttt	ctaatttgta	tgaagtatct	720
aattttataa	ttttgtttca	gaagagatca	caaaatggct	cttcttcaga	tggcaacagt	780
ggaagaagct	attcaggcct	tgattgatct	tcataattat	aaccttggag	aaaaccatca	840
tctgagag						848

<210> 217

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1072)

<223> similar to gi1020145 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 217

tgcatgtgga	aaagccttca	gtgagaagtc	acaccttatt	gcacatcaga	gaactcatac	60
tggggagaaa	ccttatgatt	gttctgaatg	tggaaaaggc	ttttctcaga	aatcatccct	120
cattatacat	cagagagttc	acactgggga	aaaaccatat	gaatgtagtg	aatgtgagaa	180
agccttctcc	cagaaatcac	ccctcattat	acatcagaga	atacatactg	gggaaaagcc	240
ctatgaatgt	agagtgtggg	aaagcctttt	cccagagtca	cagctgatta	tacatcacag	300
agctcatact	ggagagaagc	catgtaagtg	tactgaatgt	gggaaagcat	tctgttttat	360
acattaaaga	gttcacactg	gtgagaaacc	ctacaaatgt	gctcaatgtg	aggaaagcct	420
cagcaggaag	tcagaactca	ttatacatca	gataattcat	actggggaga	aaccgtatga	480
atgtacagaa	tgtgggaaaa	cattctctcg	caagtcacaa	ctcatcatac	atcagagaaac	540
ccacactggg	agagaaaccc	tataaatgta	ccaaagtgtg	aaaatccttc	tgttcagcag	600
tcacatgctt	cattgggaca	tcagagaatt	cacacgggag	aacaacctta	tgtatgttct	660
gaatgtggaa	aagcctttgc	taagaagtca	caactcattg	ttcatcaaag	aattcatact	720
ggaaagaaac	catatgattg	tggggcatgc	ggaaaagcct	tcagtgagaa	gtttcatctt	780
gttgtagatc	agagaactca	tactggggag	aaaccttatg	attgttctga	atgtggaaaa	840
gccttctctc	agaaatcgtc	ccttattata	caccagagag	ttcacactgg	ggaaaaaccc	900
tatgaatgta	gtgaatgcgg	gaaagccttc	tcccagaaat	caccctcat	tatacatcag	960
agaatacata	ctggggaaaa	accctatgaa	tgtacagagg	gtgggaaggc	cttttccag	1020
aagtcacagc	tgattataca	ccacagagct	catactggag	agaagccgta	t	1071

<210> 218

<211> 1083

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (20)...(1083)
 <223> similar to gil389943 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 218
gcataaaaca tcttttagatg actacgccaa gcttggcacg aggcctcgtg ccataatgta      60
tggtgcgac  ttggggctgg aagggcgctt cctccgcggg tatgaacagc acgccaacga      120
tggcaaggat tacatagccc ggaactagga cctgcgctcc tggaccgcgg cggacatggc      180
ggctcagatc accaagcgca agtgggaggg agaagaattt gcagagcaga tcagggccta      240
cctggagggc acgtgcgtgg agaggctcgc agacacctgg agaacgggaa ggagacgctg      300
cagctcacgg gtaccaggga acacaagacg cctccctgat cgctgtaga tctcctgggc      360
tggcttccca caaagagaga aggaaaatgg gaccaacact ataatatcgc cctccctctg      420
gtcctgaggg agaagaatcc tcctgggttt ccagagagtg actctgaggg tccgccgtgc      480
tctctgacac aattaaggga tgaaatctct gaggaaatga agggaagaca atccctggaa      540
tactgatgag tggttccctt tgacactggc agcagccttg ggccccgtga cttttcctct      600
caggccttgt tctctgcttc aactcaatg tgcttggggg tctgagtcca gctcttctga      660
gtccctcagc ctccactcag gtcaggacca gaagtcgctg ttccctcctc agggactaga      720
atthtccacg gaataggaga ttatcccagg tacctctgtc caggttggtg tctgggttct      780
gtgtccctt cccacccca aggtgtcctg tccattctca ggatggccac atgcgtgctg      840
ctggagtgtc tcatgagaga tgcaaagtgc ctgaattttc tgactcttcc tgttagacct      900
ccccgcgaag acacatatga tccaccattc cgtctctgac tataaggcca ccctgagctg      960
ctgggccctg gggcttctac cctgtggaga tcacactgaa gctggcagca agatggagan     1020
gaccagaatc gggaaatgga agctttttaa agaccaaggg ctttcagggg atgggaactt     1080
tca                                                                    1083

```

<210> 219
 <211> 920
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (238)...(918)
 <223> similar to gi5917664 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 219
ctgacttgcc caaagtgaca cagctgggca gaagtgagat tcaaacctag gccaaagggt      60
ccagagtccc agatcttagc tattttgtcg cttaaagtctc ttgaaagcta tttaaacaag     120
gactacgata tagcccttgt tcctcttcac ctctaccac cctctgactc attcactcca     180

```

ctatagctcc	tgaccttcag	tctattccct	gaaaatgaca	agctgggttct	cacctcaggg	240
tctttgcaact	cttctccctt	ctcttctata	tttgttgagt	gaatgcggct	ccctctgact	300
cctaaacctg	cacttccctt	gcctccaatc	accacctcct	atgggtgcac	cctactgatt	360
ttccacttcc	cgacctctcc	ttccctccct	ctgcccagaa	cccgggtcca	ttctcatgca	420
taagtccac	cctttgccac	taagtcctgc	ccctaactca	aggacagccc	atccccaaac	480
ccattccaga	gctctctcca	gccagatcag	ccccagggtc	ccgagcttcc	attcagtggt	540
ccctctagcc	cataagcccc	actcctgcc	ttcatgcagt	cagccccgcc	ccttcaactca	600
ggctccgccc	agatccatta	aggccccac	cttccctcag	ggcctccctg	aaccctcag	660
ggaccagctc	cctcaaatcc	cgccccagat	ctatttaacc	cacgcaccag	gaccctcagg	720
gttccaccta	aatcgattaa	ggttcagcct	cagaccct	aaaccctcc	cagcatccac	780
ttaggtcctg	cctccatcac	accagacccc	gccccctgat	ctacaaagcc	ccgcccattc	840
ccacaggccg	catcctccct	gggcccagac	ccaggacccc	agcttcgtcc	accaccctca	900
ccgtaggtct	cagccatgac					920

<210> 220

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(283)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 220

tttttttttt	ttcctgagat	ggagctttgc	tgttggtgcc	caggctgtta	gtgcaatggc	60
acaatctcag	ctcactgcct	tttgggttca	agcaattctc	ctgcctcagc	ctcccagggtg	120
gctgggactg	caggcgcccc	ccactacgcc	cggctgattt	tttgtatttt	tggtggagac	180
ggggtttcgc	cgtgttcgcc	aggatggtct	ccatctcttg	acctcgtgat	ctgcctgcct	240
cagcctccca	gtgctgggat	tacaggcggtg	agccaccgcg	cctggccaaa	atatataacc	300
ttaagtgtca	tcaatactct	ggctgaccat	catcatcggtg	ggactgactt	tggtggaagt	360
ccttggttac	atgtcattat	tgcatttccg	acaagttata	aagttgtcat	t	411

<210> 221

<211> 2058

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(2034)

<223> similar to gi5305335 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 221
gtgaaaggag cctccacggc tgcctcagg caaggtggag ggggtgtggcg ggtgctgttg 60
gggtgctcct acccgctcag cccagcctt gatgagggac tgcacgtac agcttcgggg 120
gacctccgca gttccctga cccggtgctg cccctgaacg tgcctcacag gtccggcagg 180
ttcggctatt ccaggacgag gagatctaca gcgacctgta cctgaccgta tgcgagtggc 240
ccagcgacgc ctccaaggtc atcgtcttcg gcttcaacac ccgctcggcc aacgggatgc 300
tcatgaacat gatgatgat agtgacgaga accaccgtga catctacgtc agcaccgtgg 360
ccgtgccacc gccaggccgc tgtgctgctt gccaggatgc cagccgagcc caccagggag 420
acccgaatgc acagtgccta cggcatggct tcatgctgca caccaagtac caggtggtct 480
accccttccc caccttcag cccgccttcc agctcaagaa ggaccagggtg gtgctgctca 540
acaccagcta ctccctgggtg gcctgcgccc tctccgtcca ctcggcaggt gacaggagtt 600
tctgccaaat cctgtatgac cacagcacct gccccctggc gcctgccagc cccctgagc 660
cccagagccc agagctgccc cctgcccctc ccagcttctg ccctgaggcg gccccagccc 720
gttcttcttg gtctcctgag ccctcgcccc ccattgccaa agccaaggag tttgtggctg 780
acatcttccg ccggggccaaa gaggccaagg gcgggggtccc tgaggaagcc cggcctgccc 840
tgtgccagg accctctggc agccgctgcc gtgcgcactc tgagccccta gccctgtgtg 900
gagagacggc accccgggac agccccctg cctcggaggc acctgcctcc gagcctggct 960
atgtcaacta caccaagctg tactatgtgc tggagtccgg agaggggacg gagccggagg 1020
atgagttgga ggacgacaag atctccctgc ccttcgtggg gactgatctt cgtggccgca 1080
acctgcggcc catgcgggag cggactgctg tccagggcca gtacctgaca gtggagcagc 1140
tcacactaga cttcgaatat gttatcaatg aggtcatccg ccacgacgct acctggggcc 1200
atcagttctg ttctttcagc gactatgaca tcgtcattct ggaggtctgc ccagaaacca 1260
accagtcct catcaacatt ggctgctgc tctggcctt cccgtcccc actgaggagg 1320
gccagtcctg accaaagacc tatcacacca gcctcaaggt ggcatgggac ctcaacacag 1380
ggatcttcga gacagtcagt gtaggcgacc tgactgaggt caaagggcag accagcgcca 1440
gtgtctggag ctcctaccgc aagagctgcg tggacatggt catgaagtgg ctggtgccgg 1500
agagcagcgg ccgctacgtc aacaggatga ccaatgaggc gctgcacaaa ggggtgctccc 1560
tgaaggttct ggcgacagc gagcgatata cgtggatcgt gctgtgaggg ccaggccgcc 1620
ccggacactg actccaacta cctccgtggc ctgggaccgg ccgccttctt ggggtggcct 1680
cttccctggc ggctggccca ccgactgatg accggcacta gtgttagcct gcggaacggg 1740
gctgggcagg gcacgcctct gatggcctga gggctctggac gctttttatt tatgcctata 1800
taagttggga aggggcagag agaggggcgc cccctgcccc accagcttga gtgccccgcc 1860
ttacccccga gctgggcatg ggccctggcc ctcgtgcatt tgcccccttt ctcggtaca 1920
gctgtggacg ttgccctcgg ggaggtcgaa tggaccccat tccccctgcc ctgcccgcc 1980
ccagcctccc cacaccaggc cggcaacctg gccatcccca ttccgttctt cttcatgtaa 2040
taaattgttt aatttctg 2058

```

<210> 222

<211> 2109

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (96)...(1707)

<223> similar to gi65234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 222
gcaatggtga agccattggg cgggatcgcc gggggcgagc ggcccggagg aacaacagtg      60
gagaagcagg cggggcagcc acacaggagc tcttctgctc agcctgtgac cagctctttc      120
tctcacccca ccagctacag cagcacctgc ggagtcaccg ggagggcgtc ttttaagtgc      180
ccctgtgcag tctgtgtctt cctagccctt ccagtctgga ccagcacctt ggagaccata      240
gcagcgagtc acacttcctg tgtgtagact gtggcctggc cttcggcaca gaggccctcc      300
tcctggccca ccggcgagcc cacaccccca atcctctgca ttcattgtcca tgtgggaaga      360
cctttgtcaa ccttaccagg ttcctttatc accggcgtag tcatggggta gggggtgtcc      420
ctctgcccac aacaccagtc ccaccagagg aacctgtcat tggtttccct gagccagccc      480
cagcagagac tggagagcca gagggccctg agccccctgt gtctgaggag acctcagcag      540
ggcccgctgc cccaggcacc taccgtctgc tctgtgcag ccgtgaattt ggaaaggcct      600
tgcagctgac ccggcaccaa cgttttgtgc atcggctgga gcggcgccat aaatgcagca      660
tttgtggcaa gatgttcaag aagaagtctc acgtgcgtaa ccacctgcgc acacacacag      720
gggagcggcc cttccctctg cctgactgct ccaagccctt caactcacct gccaacctgg      780
cccgccaccg gctcacacac acaggagagc ggccctaccg gtgtggggac tgtggcaagg      840
ctttcacgca aagctccaca ctgaggcagc accgcttggg gcatgcccag cacttcccct      900
accgctgcca ggaatgtggg gtgcgttttc accgtcctta ccgcctgtct atgcaccgct      960
accatcacac aggtgaatac ccctacaagt gtgcgagagc cccccgctcc ttcttgctgc     1020
gtcggctgct ggaggtgcac cagctcgtgg tccatgccgg gcgccagccc caccgctgcc     1080
catcctgtgg ggctgccttc ccctcctcac tgcggctccg ggagcaccgc tgtgcagccg     1140
ctgctgcccc ggccccacgg cgctttgagt gtggcacctg tggcaagaaa gtgggctcag     1200
ctgctcgact gcaggcacac gagggcgccc atgcagctgc tgggcctgga gaggtcctgg     1260
ctaaggagcc ccctgcccct cgagccccac gggccaactc tgcaccagtt gcctctccag     1320
cagcccttgg aagcactgct acagcatccc ctgcggcccc tgcccgcgcg cggggtctag     1380
agtgcagcga gtgcaagaag ctgttcagca cagagacgtc actgcagggt caccggcgca     1440
tccacacagg tgagcgcca taccatgtc cagactgtgg caaagcgttc cgtcagagta     1500
cccactgaa agaccaccgg cgctgcaca caggtgagcg gccctttgcc tgtgaagtgt     1560
gtggcaaggc ctttgccatc tccatgcgcc tggcagaaca tcgccgcata cacacaggcg     1620
aacgacccta ctcctgccct gactgtggca agagctaccg ctcttctctc aacctctgga     1680
agcaccgcaa gacccatcag cagcagcatc aggcagctgt gcggcagcag ctggcagagg     1740
cggaggtgct cgttggcctg gccgtcatgg agactgctgt ggaggcgcta cccctgggtg     1800
aagccattga gatctaccct ctggccgagg ctgagggggg ccagatcagt ggctgactct     1860
gcccgaactc ctctttggca cctccattcc ctgttgctga aggccctcca gcatccccct     1920
aagcatctgt acatactgtg tcccttcttc tcccatccc caccaccttg taagttctaa     1980
attggattta ttctctctgt aggggggtgc tctgggggtc ttgacacaca taaagggtgc     2040
ccccacctt ccacctctta gcactggtga ccccaaaaat gaaaccatca ataaagactg     2100
agttgccaa                                     2109

```

<210> 223

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 223

tttttttttt	ttaagatggg	gtctcgtctt	gtcaccacag	ctggagtgca	gtggtgtgat	60
gtcagctcac	tgcaagctcc	gcctcccagg	ttcacactat	tctgcctcag	cctcccaagt	120
agctgggact	acaggtgcgt	gccaccatgc	ccggctaatt	tttttgtatt	tttagtagag	180
acggggtttc	accgtgttag	ccagtatggg	cttgatctcc	tgacctcgtg	atccacctgc	240
ctcggcctcc	caaaagtgtc	gggattacag	gtgtgagctg	ctgcgcctgg	cttatgagtc	300
gtatgttctg	atcctccctc	ttgaagttgc	cttctgtggg	ctaaggaggg	cctgaaggtt	360
caggtaaaaa	cttcagggtg	accttcactg	gggggtg			396

<210> 224

<211> 2187

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1147) (1901)

<223> similar to gi2981463 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 224

gtggtggaat	tcccggccac	ggtggaacac	ccatgtaccc	atccctccgc	cccacatggt	60
gttgggggct	ctctcaccag	aagctgagcc	caacacacc	aggccccaac	agagccccc	120
tggccacacg	tccagtcag	cgctcagcct	gggagcacag	agcactgtgc	tggactgtgg	180
gccacggctg	tctgtagaag	tggggccatc	tctgtcctcc	cccagctcgg	gctgcgggga	240
ggggagcatc	agcgtggggg	agaacgtgtc	agacgtggct	cccacccaac	catggtggcc	300
caacaccccc	ggagacagtg	tctctgaaga	actaggtcag	agtaggggtg	ctggtggtca	360
ggagtgggac	tgtgggacgc	acagagcctg	ggaggtaggc	gggcagtggg	gttgggtggca	420
tgtgaagtcc	ccctcaggcc	tcctcgtcag	ccaggacctg	ggctgctgtg	ggggacatgg	480
gaggggctgc	ttgagccagg	gccggctcgg	ctccgtaccc	gccacaggca	ctcggccctg	540
atgccctcgt	gtccacttgt	gtccacacag	gccctgggag	gagcggggac	gctgaggacc	600
tctctccaaa	ttggcctctc	aactcacagg	aagacacagc	tgcccagagc	agcccaggcc	660
gtggtgagga	ggcggaggca	tcggcggcgg	aggctcaggg	tggggagcag	gcctacctgg	720
caggcctggc	agggcagtac	cacttgagac	ggtacccgga	cagttacgag	tccatgtgtg	780
agtgcagcag	ttgctgctgg	cagggagccc	tgggctggct	ggttcccagc	acgtgctcca	840
cctcctgtgg	gttggggcgg	agccctgggc	tagccagttc	ccagcacgtg	ctccatctcc	900
tgtggatggg	ggcggagccc	tgggctggcc	ggttcccagc	acgtgcgtgc	tccatctccc	960
gcagccgagc	cgcccattgc	tcattctttg	cgccccgtgc	ttccccgggc	cttcgccttc	1020
cccgtggacc	cccaggtcca	gtctgccgct	gatgagactg	ctgtgcagct	gagcgagttg	1080
ctgacgctgc	ccgtgctcat	gaagcgctcc	atcacggcac	cgctggccgc	ccacatctcc	1140
ttggtgaaca	aggccgctgt	cgactacttc	ttcgtggagc	tgcacctgga	ggcgactat	1200
gaggcactgc	ggcacttcct	gctgatggag	gacggcgagt	tcgcccagtc	cctcagcgac	1260
ctgctctttg	tgaagcttgg	agctgggcaa	acgcccggag	agctgctcaa	cccgtgggtg	1320
ctgaactctg	tgcgtgacaa	ggccctgcag	tgcagcctgc	atggggacac	ccgcacgcc	1380
tccaacctct	ccctcgtctt	caagtacctg	cccaggtgtg	ttgcccccaa	cgccccggat	1440
gtgctgagct	ggcctggagc	tcaggtacaa	ggtggactgg	cctctcaaca	ttgtcatcac	1500
cgagggctgc	ctgagcaagt	acagcggcgt	cttctccttc	ctgctgcagc	tgaagctcat	1560
gatgtgggcg	ctcaaggacg	tctgcttcca	cctcaagcgc	acagccctgc	tgagccacat	1620
ggccggctct	gtgcagttcc	gtcagctgca	gctgttcaag	cacgagatgc	agcatttctg	1680
gaaggtcatc	cagggctaca	tcgccaacca	gatcctgcac	gtcacctggg	gcgagttcag	1740
ggccaggttg	gccaccgtgg	gcgacctgga	ggagatccag	cgtgcgcacg	cagagtacct	1800

gcacaaggcc	gtcttcaggg	gcttgcctac	ggagaaggcg	gcgcccgtca	tgaacgtcat	1860
ccacagcatc	ttcagcctcg	tgctcaagtt	ccgcagccag	ctcatctccc	aggcctgggg	1920
gccccctggg	ggcccgcggg	gtgcagagca	ccccaaacttt	gcactcatgc	agcagtccta	1980
caacaccttc	aagtactact	cccacttttct	cttcaaagtg	gtgaccaagc	tggngaaccg	2040
cggctaccag	ccccacctgg	aggacttttct	gctgcgcctc	aacttcaaca	actactacca	2100
ggacgcctga	ggctgctctg	cggggggacgt	gcacaataaa	ggtgtttctca	aaaaaaacgc	2160
ggccgcgctc	accgcggccg	cgtcgac				2187

<210> 225

<211> 1424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1257)...(70)

<223> similar to gi4519617 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 225

tttttttttt	ttgtgcttgt	tttattggaa	gcaagactcc	cagccagctg	caggggtcag	60
gggaggaggc	ctggagagtt	cagtcctggg	tctccctctg	ggccagcagg	gggaaaaggg	120
gtgttaaaag	agctagaacc	ctcagagatg	ctcctctgaa	gcaggggaaa	gaaaactaga	180
aaggaaaact	gtcccagggc	ggggagcgga	atagggcccc	cacatctcag	actctcctac	240
cctcaagcag	ttaattctca	ccccctgect	tcctctgtca	acgggtggggg	tgattccaat	300
aactcttctc	agcttccata	cttcagggtgc	tcttcgtgaa	tgctgggtgg	ctttaaccct	360
tgggggtccc	aaacaagttt	ccagaatccc	actgtccacc	attctccccc	aaagaaggtc	420
ccagaaaagg	tgaagttccg	tgtcttcacg	caacacgggc	ataagcagca	attatcgcac	480
gaagtttccc	taggggtggc	ggggatcctc	tcctgccact	cctggggccc	ctctcttgtc	540
gccttaagg	ccatgctacc	tgtcttgagg	agctgtgtcc	aggttgtggg	ctccggagga	600
ccgaggagt	aaaggctgga	ggtacatctg	aagggtggagg	cgctggcgga	agatcctgcc	660
ggactagggt	gcccacagtc	cggagtttca	ggccgtctga	tcctcgctcc	caacccctgg	720
ctcgggttgc	gatecgttcc	cggagccttc	tccagctgcg	ggttccccta	ggctcctctt	780
ggacgctggc	gcggctggcg	gggacgaggg	accaggatgg	ggattcgggg	gctggtagcc	840
gggctgtcgc	ggatccagcg	cgctccttga	aagtaggatg	gcgaggccgg	gcacgttctt	900
aagtacgctg	agactagcgg	ccggctcgcc	aggcgtctga	ccctgcgtgg	gcccaggcgg	960
gaggtctctg	cacacctcgc	gtacgctccg	gtagcgcagc	cgcgtagcct	ggtgcaggcc	1020
cgccaggcgg	cgcttgagga	tctcggcgca	cgtgacgggt	ttggtggtgg	cccggccgca	1080
gccgctgaag	acgatggcgc	gcgtggctgg	ctgcgccatg	ctggcggtgg	cgaaggccat	1140
caggttccgg	atcttgctgc	cttccttgac	ccgcatgtgc	accgcgcccg	gcgccaggtc	1200
tgcgaacggg	gccggagccc	gggcgcctc	cctcggcccc	gcacccccgt	ggcgctctt	1260
cggagcgcac	ttacggaagt	tctccatgcg	ccgtcgatcg	cgggaccgcc	ggtttgccat	1320
ggggcgccct	cagccccggg	gctgcattgg	cgcgggtcgc	gccttgcaag	ggccagcagg	1380
ggtaaggggc	ccggagcagc	gcagacgcgc	gcggggcgggc	tggg		1424

<210> 226

<211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(530)
 <223> similar to gi5360708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 226

ggcacgaggg	tggagggagg	aaatagtaaa	tgagcttctt	atgcttcctg	catatctgat	60
ttcatcctct	tccattccct	ccttccttat	ttttttcttc	tgctagattt	ctaacgaccc	120
aagtccagga	tacaacattg	aacagatggc	aaagcgaggc	aagaagctgg	ttgagctgcc	180
atacactgta	aaggggatgg	acgtctcatt	ctcagggatc	ctgtctttca	ttgaggatgt	240
agcccatcgg	atgctggcca	caggcgagtg	tactcctgag	gatctgtgtt	tctccctgca	300
ggtaatgcag	taaaaaactg	ggacagaaa	ttggggctga	aggtttttata	ttgtagagca	360
gaactaatct	ggggatgccc	ctctaattat	ttctccttat	ctgtccctga	caggaaactg	420
tggtttttgca	atgctggtag	agatcacaga	gcgagccatg	gcacattggt	gggtccccag	480
gagggccctc	attgtgggga	ggagttgggg	tgtatgtatt	attggaaagt	gttccctctt	540
cctattctta	acactatgcg	tcttcctcct	ggtactctaa	atcattaagc	gtttggagta	600
ggctt						605

<210> 227
 <211> 822
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> similar to gi1196433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 227

ctcaatatg	ttaatatgta	attctcccta	aattgatcta	cagattcaat	ataatcccaa	60
ttgaaatcca	agcaagcttt	ttttaaaaat	agaaattaac	aatctgattg	taaaatgtat	120
gtgaaaacac	aaaagacctt	tgaacaaagt	tggataactt	acactgtgca	atttcaatac	180
ttactaaaa	agctacaata	atcaagacat	ggaatcgggc	aacatacaat	catatagtcc	240
agtgggagag	catatggaaa	gtctacatat	agacacatat	ggtcaattga	ttgttggcac	300
aagtgccaa	ataattctat	gggaaaggac	aatcttttca	actaatcata	ctgggactat	360
tggatatcca	tatagaagaa	aagaacctca	aaccttattt	cacctataca	caagattgaa	420
tccaatggat	cataaaccta	aatgtaaaca	gtaaagcttt	gtttagaaga	aaacaaagaa	480
aaactcttca	tgactgtggg	ttaggcaaca	gttttgtaga	ggagacacag	aaagcactaa	540
ccaactggat	attatcaaac	ttcaaatttt	tgctcctcaa	aatacaccac	taagaaacta	600
aaaaggtaag	ccacagactg	gggaaaaata	cctacactat	ttgcaaaaaa	taataatgac	660
aaaatatgtg	aacatacaca	taataaaaaga	agatacatgt	ttggccaaat	gcatgtgaaa	720

```

tggtggtcaa catcattagt catcagagaa atgcaaatta aagtacaatt gtatgcctcc 780
tagtagaatg gtgaaaatta gaaagactga tgattccagg tg 822

```

```

<210> 228
<211> 1027
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(927)
<223> similar to gill118097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 228
tccagtctgt ggaggactca aggtaaaccc ccctccttga gagccgcaaa tcccgcctcc 60
cggctgcaaa ggggctgaat ttgccccag atgggagagg aagtggcgcc agcctccttg 120
cagactggtg ctctgtgttc tgtgggaggg accgggggtc tcccggagag gggagctgga 180
gggcgcgccc tgtggctgcc accggaggaa ggggctgact tggggaggtg agttctggaa 240
ggcaggggct ctgggtctgg caggtcgggg tcaccagagc cccaatgcc agctgcttca 300
ctcctgtgcc cccaccctg aggatcaggt gagtgtgca cctctgttg ctctgcctt 360
gcactggggt gccaaaggct ggaggccctg ccgctggcct tgtcctcctt gggcctcacg 420
cccccttcgg ggggtggcgg ttctcccat cactctctg gggcagtcac accactgtt 480
aagcatcaag ctaccacaga ggctccggcc acctgggctc caccagccca gccccctgg 540
gctcctgtgt cgctgggct catcccatc tatgggagga aactgaagct caggaggctg 600
tgtggcttgc ggggtctctg ggttctgggc cccactgttc cccagtgaag cccttgtggg 660
aaggttcgag gagcaggtgg tgcctcaga gcagcctcgc ctgctgacct cactgggaga 720
gggcgcgtgc ctggggcccc tgggtgggagc tctgtgtgct cctgtctgaa cctcctcgca 780
gggccaaagg ctggcttggc ctgtgtttcc cctggcccag gcctcagccc ctgctgcgga 840
ggtggggctg tgttgggccc attgtcccc gccctgggtg gcttcctctt gcacagcctg 900
gagcctgccc tgaccacagc ccagcagctc cctgtgaaca cctctttgtc ccttcactgt 960
cagctgtttc taaaccaga cactgtttgt aatagactgg aaataaaatg ttctttcctt 1020
aaaaaaa 1027

```

```

<210> 229
<211> 1419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(1411)
<223> similar to gi298642 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```


<400> 229

tgggctccct	ggattccaaa	gctggaagt	accctggaga	ccacttcacc	tgttccctgg	60
cacctggagt	tgcagggaca	cacctgact	gcagggcaaa	gggagccggc	cgggcatccc	120
tcaagaccca	ggggcttgg	cagccctgc	ccgagtggac	acatccactc	ccaggcctgc	180
aggagatggg	gaggttccag	gcgcccagga	catccgcttt	ggccactgag	gccgattcct	240
tagcaaatcg	gttctggttt	ctctcatttc	tataaaaaca	ccaagactga	aggaagccac	300
ggtgtgtttt	aataaaacag	tgtctcccag	ttaagtgggtg	ggacaaacag	gaaccaccgg	360
gtggatggtc	ggcgtgccc	accgcctca	ggctaacctc	gaggacgctg	gtctgattgt	420
ccctgtgtct	ctcctgggca	gttctgctg	gtgtetaacc	gtgggcctcc	ctgctttgtt	480
cagccctccc	cccacgtagg	gtctggagag	gccccgtgtg	tttgtcaccc	acagggtccc	540
cttcagctct	gcaatccggc	gacaaagcca	caaccacaga	cggtctccgg	gaccacagg	600
ccccagctgg	tgggtggtgc	tggctggccc	cgggctcagc	tgggtgtgcc	tggcctgcag	660
agctgggcac	agatggctgt	tctgaaggctc	gggggtgtct	gggccccttg	ctgtcccctc	720
ggcttctaca	cctgaagccg	cccctgatga	ggggctcttc	cctggggcct	ctccagactc	780
acggggctgg	gtaggggggt	cagacctggg	ctcagaggat	ggcacctcac	atcaaaggga	840
cccaccttga	caaccagacc	cttccctccc	cgtgggggttt	cgaggctctgg	attccccaca	900
agccataatc	gcaaaaggct	gggtttgcct	cctccgagca	gccccttgaa	cacgggcagt	960
gtgtccccct	cctcaagagg	gtgcacacgg	tgatggccgg	gccaggccct	agcagcagca	1020
ggagttcctg	ctgggacgag	ggaggggtct	ttgggtgagc	ctggggagcc	tcaactgtta	1080
gcagtcgaat	cctctttcta	ataaaatctc	acatggaccc	aacacaggag	acaggagggc	1140
tgtgtctgact	agtgtggcgg	ggccgcccgc	tgtgccccca	tgtccgatct	cacgccacgg	1200
ggccccctt	ttcctagtta	gccctcaggc	agcagcccct	tttggcccc	atgattcacc	1260
aagcagcagg	gccagggctc	aggetgtctc	ggagcccccg	gagtgttga	gctctcctgg	1320
aagccctgcc	cgtcctgccc	gtcctgccc	tcagagccgc	aggaggccgc	gccagcaggt	1380
gagggccacg	tgccgcaggt	gcaggaccgg	acgcgtggg			1419

<210> 230

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(893)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 230

ttaatccctc	tactccaaga	aggctacctc	atctcaaact	cttgaaggca	gtggaggaag	60
gttcagcatt	acttagcatt	tgggaccttc	acagccagct	gcagggactt	ggtggggctc	120
ccagagcttt	cctcccccca	ccagctgaaa	cccaccctgc	cacacctgcc	cagaaattga	180
gttactgaca	attcctgtac	cacaaaggga	gagcccttta	caagagaaag	acagacatgg	240
agctgatgag	gccacgagct	ccgccttctc	cttctcggtc	tgggcctgac	tcctgccagg	300
ctttccaagg	gaacagtgg	tctgtatcc	caaggttgtg	ccctgggcac	tccaagggca	360
ctggacctgt	ccgggcctcc	ttgggtgtaga	gggatctcta	gccactctgg	tgtgccccag	420
gctctccatc	cgggagacca	aaggtcttag	ggtaattcct	gcctccggct	ctattccatg	480
gggaccttgg	tgctctgcaa	agcctcgtga	gctgaaaccc	taggtcccag	ggatccaaca	540
gaccgagtct	cccattccag	gatgagagtc	cccttgacgc	atgttcactc	ttctggggac	600

cgtgcgccgc	cgacccccggg	ccctgggcgt	tctatgacca	cccctgtgag	cacagggctc	660
tggacagccc	aggtctcaat	cccgagtgt	gccaggcccc	ggggccggga	gcatacctgag	720
tttgccccac	ggagaccccc	acaagagcac	cgagctctca	attccagaaa	cccagcgctc	780
caggcctccc	attcccagg	tctccgtgta	ccgaggcctc	cctgccccga	ggtctccggg	840
cccctgccga	ggacccccagc	cccgtctccc	cccctgtctca	ccatgacgcc	agcggacagg	900
cccagcggcg	actccg					916

```

<210> 231
<211> 1106
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (100)...(971)
<223> similar to gi995557 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 231						
tttttttttt	ttttgctcat	gaagtggaca	tgtccagcct	ttattagata	aagccactgg	60
gcccattctga	ccaggcgagc	tcagctgtaa	acaagctcgc	cagtttagagg	aagggccctc	120
aacagagcat	gacccccgaa	gcctagggac	tccgacatgc	tgttggggct	gctccccatg	180
ggtgtctcaa	ctaggtaggt	aaggggttgg	ggtctctgca	ggaccccccc	gtctgggggt	240
gctccccctt	ctttcctacc	acagtgtgat	gtttcatccg	cagcccagtg	gacatcgagg	300
gggtccccca	agcctgcagg	tccttggggc	aaggcagtgg	cctcgtcccc	ctgaaaacgc	360
gggtcgggtg	gtttcaacaa	aacctgcact	catctttccc	tcctcagcgc	cttcctttct	420
ccagccccca	caagcccagg	aactctgaca	atgatgtgta	cacgggggtc	actaactgga	480
agagcagtga	acaggagctg	ggggctcttg	ggggccatct	gagctgagga	cagctggctg	540
tacctccgag	gccacaggca	ccccaccca	cccctgcgcc	tgagggaat	gtgcagaatc	600
tgccagagcg	gaggccagag	cccgcaggca	gccacggctg	ttagaggaag	cagatgcagc	660
ctcaccacag	cccacgtctg	tcaccacagc	cagggcctgg	caggcaatgg	caccgcgca	720
gctttgggaa	agaacacttg	gcctcccaa	gggttctgcc	acctctgggg	gccgctacag	780
ccaccaaccc	tggggtcttt	ccatcacttc	agacactgag	cagaacccag	agaggggttag	840
tgagctgcag	gtagggctgg	gacggggccc	caggttccag	cccaggggtct	cagagatcca	900
tggctggcac	tgcccacagg	gccaggcatg	ggcggagcag	ccttctcagc	agcggggccc	960
agcggccaag	cctctgtcac	acagcacctt	gtgccagcat	gccccgtgct	agggagatgc	1020
ttttaagcc	ctcttttagg	ggtatttccc	gtctagtaa	tgccagcagg	cagacccact	1080
cttgacaggc	tcctaattgtc	cccgat				1106

```

<210> 232
<211> 1483
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (806)...(324)

<223> similar to gi5918469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 232

tttttttttt	ttggaaataa	acaagcttta	ttttcagttt	caacaggtaa	ggcgatacct	60
gcttcatcgt	gtgcttttac	gtaaatgcca	aatagcaaaa	taacagctag	aaaataaaca	120
gtttgtcagt	ttggagatca	agtactttat	ctatcttgag	tggtatctgt	cttggaattt	180
agccaggcct	aaaagtagcg	gaagtatcag	gaaatgctat	agagagccag	tctccagctg	240
caggttggtg	ggcctgggca	ctgaccagat	tgggggtggc	caaagcactg	agcgatgcag	300
gcgccgtttc	tgcattgcct	gcagcctctt	ctgcctctcg	gcaaagttgt	tcttcggggg	360
ctgcttcagt	gcgggcagga	tggcacgctc	cgccacaggt	gggctcaggc	atttcttgga	420
gaggctcttg	gtggagacct	tggggaaatg	cgtggcttct	tgggtccctg	gaaagctagc	480
ttcctccggg	gctgcctggg	gcctctggct	cccttccagg	agggacttga	ggtgccgcag	540
ctcttggttc	tgcaggaggt	tggatttcca	cagctcgcg	atgagcactt	cgcactgcct	600
aaagtgtgtg	ggcttttcgca	ggggaaaggg	caggatcatt	ggggggtgtg	ccgccgcccc	660
catctgcctg	ccctggtgct	ggctgttccc	catacaggca	gctcctgcgt	tagaggcctc	720
tgctttctcc	tttctggcct	gcccttgtag	cccaggaacc	ttgtccagct	tgctgttggt	780
aaagtagggc	tcctcttcca	ggtccgcctt	ctgggagacg	tcagcttttg	aatcttgctt	840
gttgaaggag	ccgggctggg	gcctggcctt	gccttgagag	ttggctgcaa	gtcagaccct	900
acaaggccgg	tactgcagg	caccaacagt	caccgcccac	gttttccagg	aacagctgtg	960
tgtacccaag	aagccctgt	ccctgcctca	gtttcctcct	ctgtaaaggg	aagcctgcct	1020
tggagggttc	tggggggcat	caatgtggtt	ctgagggtga	agcccatggg	tggtgccctg	1080
gaacactcta	gaacaatcaa	catagtggaa	gctggcccca	tcttgggtaa	aatgaaactg	1140
catgagaggc	ttgggaccca	gcctgcatgg	gtttcctcgg	caaggacaag	gcccgtctag	1200
cacctgggcc	catcacagga	atggtggggg	ttagggcagg	gctgaggaaa	atgcccggcc	1260
tcacagagtg	gggaaaagag	gctctctgct	cccggctcac	tctgcagaag	gtgccatgag	1320
cccagggtc	cgtgggcagt	gccatccctc	ctgtgtcctg	cctgcttggt	gcagggacac	1380
ggccaagcag	ggctgctgct	gggcagccag	ggtacatcct	ccctagaaaag	ccaccggggg	1440
aggccctcc	tgctgcttg	ctgccccgcc	ctgggggtgcc	tgc		1483

<210> 233

<211> 939

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(940)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (5)...(464)

<223> similar to gi473935 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 233
ggtaaattac aacctcctca agtatatttg cagattcttg gatgaagtac agtcctactc 60
gggagttaac aaaatgagtg tgcagaactt ggcaacggtc tttggtccta atatcctgcg 120
ccccaaagtg gaagatcctt tgactatcat ggagggcact gtggtggtcc agcagttgat 180
gtcagtgatg attagcaaac atgattgcct ctttcccaaa gatgcagaac tacaaagcaa 240
gccccaaagt ggagtgaagca acaacaatga aattcagaag aaagccacca tggggcaggt 300
tacagaacaa ggagaacaat aacaccaagg acagccctag taggcagtgc tcctgggaca 360
agtctgagtc accccagaga agcagcatga acaatggatc ccccacagct ctatcaggca 420
gcaaaaaccaa cagcccaaag aacagtgttc acaagctaga tgtgtctaga agccccctc 480
tcatggtcaa aaagaaccca gcctttaata agggtagtgg gatagttacc aatgggtcct 540
tcagcagcag taatgcagaa ggtcttgaga aaacccaaac ccccccaat gggagcctac 600
aggccagaag gagctcttca ctgaagggtat ctggtaccaaa aatgggacag cacagtgtac 660
agaatggaac ggtgcgcagtg ggcattttga acagcgacac actcgggaac cccacaaatg 720
ttcgaaacat gagctggctg ccaaattggct atgtgaccct gagggataac aagcagaaag 780
aacaagctgg agagttaggc cagcacaaca gactgtccac ctatgataat gtccatcaac 840
agttctccat gatgaacctt gatgacaagc aganatttga cagtgtctacc tgggtccactt 900
cctcctgtga aatctccctc cctgagactc cactcctgt 939

```

<210> 234

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(897)

<223> similar to gi4960163 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 234
aacagtgaga tccaccttta ttgaaacatc acacggcagc atcaggggctc ccacacctca 60
cagggcagca ggcagttcac aggacagcag gcagttcaca gggctttggg ggcctcacag 120
ggcagcaggt ggttcacagg gcttcggggg gcctcacagg gcttcggggg gcctcacagg 180
gctgcagggg gttcacagag cttcaggggc ctcacagagc ttcaggggcc tcacaggact 240
gcaggggggc tcacagggcc ctgtatgcag ggctgctggt acaaagaaga ggcccagaga 300
accctaacac agcctggggc cccggggaag tcagggcttc cagcagggca ggtacagagg 360
cccctaggac ttggcaggag cctcagcctt ggggacagtc ccacggaaga cgctgcatcc 420
gggctcttta gcagaggcct ctaccgcctc tggtcagagg agccctcaga cagttttggg 480
aaagccagac tggggtgtcg atgccgcagt gaggactcgt cctccaagtc tgagccctgc 540
tggtctgagg tgctctggaa gtctgcgtat gcctccctgg ggacgtccag cagtcctcc 600
tcgtactccg tctggtagtc agattcgtct ggcaccgagg gtagggctgc gtcagtcctc 660
tcccaaggaa gggaccgtac ccagcatagc cactacaga ggcaagaacc gccacagatg 720
cccacccccg cctccaaggt ggcccggggc cctacacga gccacctggg cccagggcag 780
ccctgcacac caccctgggt tctgtctggc tccagctttg ccccagcaca tcacttcgtg 840
ggtcttccac aaggacaagg agcgggcaga cactcctccc cttgtcagcc aagcac 896

```

<210> 235
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(460)
 <223> similar to gi3192950 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 235
 agttctcgag cgccctccc aggagctccc ctctcagtc caggttgtag cagcgggtggc 60
 tgctcccagc agcaccttct ctgttcgtgc caagcagacc taccatact gtgcactgcc 120
 caggctcccg gctctctccg agagtgaatt ggatgatgaa ggccctgtg gtggtgatgg 180
 ggacccaggc ctgttccct tccccatgcc ccgggggtggg acccaggcct ccagcgaaga 240
 gagtgaggag gaggggacat ctgacgacct ccacccaccc cctgactgcc attatgcaac 300
 ccggccccca cggccacagg cgttctgcac ctttgggagc cggctggtga gccaggatg 360
 ctatgtgttt agccgccggc tggaccggtt ctgctcagca ctcagctcca tgctggaacg 420
 gcacctcagc acacacatgt ggaagaagat cccaccggca gctgaacctc cagctcacct 480
 tgtcaactcc ccgttatctg ctcccctgag ccccatcctc tacaggcacc tgcccccgcc 540
 ttccaggctc aacctatgaga cctgcctgcc cagcctccat gccccctgt attgcggccg 600
 ctctagagaa tccaaactgt cgt 623

<210> 236
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(298)
 <223> similar to gi2224583 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 236
 gcacgaggcg acttctccct caccctgcgg cgatcatcact gtcacgcctg tggcaagatc 60
 gtgtgcccga actgttcgag gaacaagtac ccgctgaagt acctgaagga caggatggcc 120
 aaggctgagc acggtgctt cggggagctg aagaagcggg gcagggtgtt cccgggcctg 180
 atgagagagc ggctgtgag catgagcttc ccgctgtctt caccctgctt ctggtggcgt 240
 gccttttcat ccgtcttcca gagcattaac ccctcgacct tcaagaagca gaagaaagtc 300
 ccttcagccc tgacagaggt aaagcaggca gggctaccca agtgggaagt agggcatttg 360
 gaaggttcat ggtcatcctg ggtagacgga gtcagacctt gccctgtccc agcctgacca 420
 gtctcttcca gacagagcat tcctaattga agcatcccag ctacgaggac cgacttgaca 480
 gtgatgggtgc taggcgacat ctttcccatc cttctctcta actcttccc 529

<210> 237
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(349)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 237
 cgtgctgtac cagatgtggt ttcattgctt gagcaaatta acacacctct tggacttgg 60
 tatgcagcca ttgccttggc aaataacttt ttccccattc ctgtccataa ggcccaccag 120
 aagcattttg ccttcggttg gcaaggccgg caatacactt ttactgtcat acctcagggg 180
 taggacagta aactctccgg ctttaggtca taatcttatt gggaaagacc ttgatcgctt 240
 ttcgtttcca caagatatca cactggtcca ttagtttaat gacattatgc tgattggatc 300
 cagtgagcaa gaagtagcaa acacgctgga cttattggtg agacatttct cgtgcc 356

<210> 238
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (230)...(364)
 <223> similar to gi2039348 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 238
 ggcacgagct taaagaggag gtagagagat tggcatagaa aatttattga aagagttaat 60
 aacagaactt cccaaaccta gagaaacata tcagtattca aataaaagaa gggatatagaa 120
 caccaagcag atttaaccca aataagacta cctcaaggca tttaataatc aaactcccag 180
 aggtcaaaga taaagaattc taaaagcaga aagagaaaag aaacaaataa tatacaatgg 240
 aactccagta catctggaag cagacttctc agtgaaaacc ttacaggcca ggggagagtg 300
 gcataacata tttaaaatgc tgaagggnnn nnnnnnnnnn cttttatgct aaaatagtat 360
 atcc 364

<210> 239
 <211> 1021
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(980)
 <223> similar to gi56589 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 239
 taagaggact ctaaggggaat actataaaca atataagcca ataaactaaa taacctagat 60
 gaaatgagca agttaaaaaga cacaaactat tgcagctaac tcaggaagaa atagaaaaacc 120
 tgaagtataa caacgagatt gaataaataa tgaaaaactg cccacaaaga aaagtccttg 180
 cccacatggc ttcactgggtt aattctacca aatgtttcaa gaagaattca caccaatact 240
 ttccagactc taatagaaaa taaaagagga aggaacagtt cccaacttac tctttgaggt 300
 catattatca tgataccaaa accagataaa gacatcacia gaccagtatc tcttatgatt 360
 ataggtgcaa aaatattcaa caaaatacta gcacaccaag tatagcaaca tacaaggatt 420
 gtataccatg accaaatgga tttatgcaag tttgggtcaa catttgaaaa tcagtttatg 480
 taatacactg tgtaaataga ataaaggaca aaaaccacat gatcgtttcc ataggagcaa 540
 aaaagcattt gacaaaatcc aacacccttt catggtaaaa acaaaaaactc aggagagaac 600
 ttcctcagcc tgttaaaagg catctacaaa aacccatggc tgacatacct aatggcaaaa 660
 aattgaaagc ttctaccact aagatcagga acaagacgag ttcctgatcg tttctggaag 720
 tggcagtgcc attgccactt ctcttcagca tcgtattgga ggttctggct agggcagtta 780
 ggcaagaaaa agaaaggcat gcaaattaga aaagtagtga aactgttcac agatgggatg 840
 atcttatatg tagaaaaatc taaggaatct actataaaaa ccagtaaaact aataaatagg 900
 ttcaacaaag gttcagaata caaggctaatt attaaaaaat gagtagtatt tctatagagt 960
 agcaatcaac aaaccaaaaa ttaagaaaac aattttattt ataataggat caaaaaaaaa 1020
 a 1021

<210> 240
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (138)...(368)
 <223> similar to gi924 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 240

```

ggcacgagga gttctagtcc ataccctggg tgggtggggcc ttctttatct acttctaaga 60
agcaccaca gggacacatg cacccggaag gtggccaaaa gaagggcttc gacacttcat 120
ctgttttcct tccttcagta cccaccgaa agaagaacct tccgtctaca acatttctgc 180
ctaaagaaac taccactttg aaaagccctt cctctggctt gctaggaagc tcattggaga 240
ccctaacttg gaatttgggt ccatgcctgc tctcgcccgga ccaaaaaaag tcatggaccc 300
agctttggca gcacaatatg agcacgactt atagggtggt cagacacctg ctctcccga 360
tgagga 366

```

```

<210> 241
<211> 381
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (20)...(384)
<223> similar to gi994732 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 241
atgaggtgct aatcaataaa aaatagttaa acatttgcac gactctactc atttggaat 60
aaattccctg tttaatatct cggcttttta tagaaaaata attacttaaa agagtaaacc 120
aggtaaccga ggcctgtgaa ctatatgcct ggaacaaccc aaatgaccaa tgtttacctc 180
ctcctttagt aaggcctgtt cagcatagag gagcataccc tgggaagac tggcaaatag 240
actatactca gatgcccccg tgtaaagggt ttaaattatt attagtattc attgacacct 300
ttaccgtttg gattgaggct ttctctacca agtctgaaaa ggcaatcaag gtttctaaac 360
tactaaaaga aataattccg a 381

```

```

<210> 242
<211> 1065
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (14)...(1067)
<223> similar to gi600118 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 242
ctctgctgta actgcagggt cacaggcatc ccgggagaat gggcctccac cctcagccag 60
ccctcactgc tgacaggcac ccctctgtca cctcctgcca cctgtcagat acccagcctg 120
cccgccatca gccacccgag tggttccgac ctccattcac ctcaagcccc aacaggcccc 180

```


tgatcattcca	cttcatggaa	gagacggagc	cttctgaaat	gagatctacc	ctgaaaatct	240
cttctccttc	ccctttctga	gaaacgtcat	ccccaccagt	taacgtttcc	tgtacaccct	300
cacctctct	cgtccatctc	tggtgcctct	gcacatcagc	acacactgac	tccacctggg	360
ctggctcctg	ccgcctcttc	cctacctcct	ccactagccg	caggaagggc	ctccagcacc	420
cacâactgcc	cttctcttg	atgccccctg	gcttcccccc	agcctggcag	cagcgtccca	480
gcgcctccac	attgccccct	tcacctccca	gctctccacg	ccacttggtt	ctgcagcgac	540
ccctcctaga	cgctccctgg	cccctcggca	cccagaatgc	cacattcttg	tgtttttttc	600
ctccttcttt	cccaatccct	ctcaaccatg	tattttattta	tatatgtatg	tattttttta	660
tttattattt	atttattgaa	acccctactt	tgattgacaa	aggaatcaag	gtagatctga	720
ccagtattcc	cctctcttct	ccttgtccca	ccacatggac	atgccttaca	ctggcgtcct	780
ctcctgagtc	cctccgcact	ctccatcagc	aacctcacac	ctgccttcag	acccggctgc	840
aacttcctaa	gctgccccct	cccagctcc	tctctgcaac	ccagccctct	cctgagctct	900
aggctgggât	tacaccgcgt	ggagggacac	tgctcccacg	gcagaccat		960
caactcaaca	agtçagaagc	caagtggatc	atctgtgtcc	ccttccccca	caatccctcc	1020
tttttctagt	aaaagaccçg	tgatcccgtc	agccaccçag	tctga		1065

<210> 243

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(785)

<223> similar to gi4755085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 243

cggacgcgtg	ggctctgaca	ccctctgccc	gccctgtagc	tgtagtcctc	ccattggcta	60
gggctctggg	gtcgggcagg	tttcgggtgc	ccccagtggg	cctcggttc	caggcagctc	120
gtgâcaagcc	cctgtgctct	ctagaaagcc	cgttttgccc	tgagtgcggc	tgaggacatc	180
accccccggt	tcaggtgaga	cccaagcagg	gaggaaggac	gggtggggag	gaggagggtc	240
tgccacagct	ctccgcacct	ctcctctccc	agggcagcct	gtgagcagca	agctgtggct	300
ctgactctgc	aggaggacag	agcatccctg	acgctttcag	gggggcccctc	ggcactggcc	360
tttgacctct	ccaaggtacc	aggcccagag	gcagccccca	ggctgcgggc	gctgacactg	420
ggcctggcaa	aacgcgtgtg	gagcctggag	cggcgactgg	cagctgcaga	agagacagct	480
gtcagcccga	ggaagagccc	ccggcctgca	gggcctcagc	tcttcttacc	agaccçagat	540
ccccagagag	gtggccctgg	acctggagtc	aggaggcggg	gtccaggaga	gtcçgtcât	600
aaccccggt	tcaagagtaa	gaaaccagct	ggtggcgtgg	acttcçatga	gacctgaagg	660
tgçagcâcaa	gcgtggcccc	gcggggagtc	cgcctatgag	gggagaggca	gtctttgagg	720
cccccatcag	agacccccçg	ccaccacctc	cacctgcctg	tcctgggcca	ggactaacac	780
ggctcctcaa	attccttccc	tgtcaaataa	acagctccct	tggttggaâa	aaaaaaaaa	839

<210> 244

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(436)

<223> similar to gi5734705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 244

ccccggggcga	cccacgcgta	cgggtgcaagt	acgaggggctg	cgtgtacagc	aaggctacca	60
accacttcca	ctgcatccgc	gccggctgcg	gcttcacctt	cacctccacc	agccagatga	120
cctctcacia	gcgcaagcat	gagcgccggc	acatccgctc	ctcggggcgcg	ctgggggctgc	180
cgccctcgct	gctggggcgcc	aaggacacgg	agcacgagga	gtccagcaac	gacgaccttg	240
ttgactttctc	cgccctgagc	agcaagaact	ccagcctgag	cgcctcccct	accagccagc	300
agtccctctgc	gtccctggct	gccgccactg	ccgccaccga	ggctggggccc	agtgccacca	360
aacctcccaa	cagcaagatc	tcgggggctgc	tgccccaggg	cctgcctggc	tcgatcccc	420
tgccctggc	cctctccaag					440

<210> 245

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (22)...(710)

<223> similar to gill118091 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 245

aaatgggaccg	gccagaaaat	cagtccaaat	accagtggct	ccagcccagt	cattcatttt	60
actccctctg	atttggaggt	gagacggtct	tcaaaagaga	actgtgccaa	aaacctcttt	120
tccacacgtg	ggaaacaaaa	ctttactoga	cacccatctc	ttatcaaatt	ggtaaagagt	180
atagaaagtg	atcgagaaaa	gataaattct	gcgccagta	gccctatcaa	gaccaacaaa	240
gctgagagtt	ctcagaattc	tgcaccttc	ccaagtaaaa	tggctcagct	cgcagctatt	300
tgtaaaatgc	agttagaaga	gcaatcaagt	gaatccagac	agaaagtga	agtacagctg	360
gcaagatctg	gacctgcaa	accagtagcc	cctctggacc	ccccagtga	tgctgagatg	420
gagctgacag	caccgtccct	catccagccc	ctgggaatgg	ttcccctgat	ccccagcccc	480
ttgtcatcag	cagtgcacct	gatccacct	caggccccct	caggcccatc	ctatgccatc	540
tacctgcagc	ccactcaagc	ccaccaaagt	gtgacccac	ccaaggcct	gagcccaacg	600
gtgtgcacca	cccactcttc	taaagctact	ggctcaaaag	actccacaga	tgccaccact	660
gagaaggcag	ccaatgatac	ctcaaaggcc	agtgcctcta	ccaggcctgg	aagcttgctg	720

<210> 246

<211> 1467

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(1462)

<223> similar to gi2351568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 246

cccacgcgtc	cgcccacgcg	tccggatgct	tggttcccgg	agcttgggaag	atgatatcag	60
ccttgacat	tcagtgtatg	cgacctcact	gcagagtgat	gtgaattaca	agaaaggctt	120
tgaacactca	aaggcgcagt	tccatctgcc	gttggacatg	gccgccctgg	tgcatgccaa	180
gaaggctcag	accctggcca	gcaatcagga	ctacaaacat	ccactgcccc	agtacacttc	240
cttggcagaa	gacctgaggc	tgagctgtgc	caagaaagct	cacaaattgc	agagtgagaa	300
tttgtaccgg	tcagactga	actttatgcg	aggtgttgca	tgtgtcgttc	caggcacggt	360
agagatcgaa	gggaggaaga	aagcatcgga	actcatcagt	gagagtaaata	atcggcagca	420
tccccactca	ttcaagtaca	cagctgtgac	agacactccc	aacctccttc	atgcgaaatt	480
cagcaaccag	ataacgaatg	agcgccctcta	taaagcagct	ggagaggatg	caagacacga	540
gtatacaatg	accctgggtc	tgcccagatt	catccgagca	aaaacgaatg	cagccaacct	600
gagtgcgca	agatacaaag	agtcctggcg	taatcttcgt	gctcaaggct	acaagctgac	660
aatagaagcg	ctcccccttc	aggetgcccc	ggcctctgga	gatatagcca	gtgattttct	720
ctacagacat	gactttgtga	aggagcgagg	gaaactcata	gggccccaga	gtgtaagaga	780
cgacccccgg	atccagcact	gccggcgcat	gggccagctg	cagagcgagc	ttcagtacag	840
gagggggggcg	accagcagcc	aagcccagtt	ccatctgccc	atggacatgg	tgcacctggt	900
ccatgccaaag	aatgcccagg	ctctggccag	cgaccacgac	tacaggacac	agtatcacaa	960
gttcacagca	ctgcccaggg	acctgaagat	ggcctggggc	aagaaagccc	atgccctgca	1020
gagtgcggtg	cgctacaagt	cagacctgat	cggcatgaag	ggcataggat	ggctggcgct	1080
gagatcccca	cagatggaga	gtgcaaagaa	ggctggagaa	ctcatcagcg	agaccaagta	1140
ccgtaaaaaa	ccagacagta	tcaagttcac	cacagtgggt	gactccccag	acctgggttca	1200
tgccaagaac	agctatatgc	actgcaatga	gcgcatgtat	agatctggag	atgcagaatc	1260
cctgcacaga	tacacctga	tccccgacca	tcccgatitc	acccgagctc	gcctcaatgc	1320
gctgcactcg	agtgacaaag	tctacagaaa	ctcctgggag	cagaccggg	ctggcagtta	1380
tgacttcagg	ctggatgcca	tcccccttcc	agacttgccc	gggcatctta	gggaattgcc	1440
agtgatttcc	ggtacaaaga	gctttct				1467

<210> 247

<211> 2024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (218)...(1606)
 <223> similar to gi3980411 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 247

ggagaagtac	gtggaggaac	ttgcagcagg	gaggcttacc	cttcagacag	acctggagac	60
atccattcgg	cggattgccg	acctgcaggc	tgccttgga	gaagtggcat	ccagtgcagc	120
tgatactgag	agtgtccaga	cggcagtgga	ttgtggcagc	agcggccgaa	aagagatgga	180
taacgtctcc	atcctcagct	cccagccaga	gggcagcctg	cagtcctggt	tgagctgtac	240
tctgtccctg	gccacagata	ctatgaggac	tccttctcga	cagtcagcca	ccagcagccg	300
catcctcagc	cccaggataa	acgaagaggc	tggggacact	gagaggaccc	agtcggcatt	360
ggcactgagc	agagcccggg	ccaccaatgt	ccacagcaag	acctcaggag	acaagcctgt	420
ttctccccac	tttgtccgcc	ggcaaaagta	ctgtcatttt	ggggacggcg	aagtgccttg	480
cgtccataga	aagtcacag	agagattaga	acctgcttcc	tctcccctgg	cttctcggag	540
tacaaataca	tccccgctgt	cgagggaata	gctgcccagt	ccttcagcgg	ccctctcggg	600
gttcgtggaa	gggctccgga	ggaagagagc	ccaaagaggc	caggggtcca	cgctgggcct	660
ataggactgg	cccactctcc	ccattttacca	gacgactggg	gcctccacac	taaggagggg	720
cagggctggc	agtgcagagg	gaaacctctc	gctgagggtt	ggggcaaaagt	cacccttgga	780
aatcgaaggg	gccgctgggt	gtctcttgag	gtccaccagc	ctcaaatgca	tctcttcaga	840
cgggtgtggg	ggcacaaccc	tactccccga	aaagtcgaaa	acccaattca	gttcctgcga	900
gtccctctta	gaatccagac	cgagcatggg	gagaaaactg	agctctccga	ccacacccag	960
ggacatgctg	ttgtcgccca	cactgcgtcc	tcggaggcgg	tgtctggagt	cctctgtgga	1020
cgatgcgggc	tgtccagacc	ttggaaagga	gccgcttggt	ttccagaacc	gccagtttgc	1080
ccacctgatg	gaggaaacctc	taggcagtga	ccatttcagc	tggaaaactcc	caagcctcga	1140
ctacgaacgc	aagaccaaag	tggacttcga	tgacttcctc	ccagctatcc	ggaagcccca	1200
gacacctacc	tccttggtcg	gatcagccaa	agggtgggcaa	gacggttcac	agcgttcaag	1260
catccacttt	gaaacggaag	aggctaaccg	ttcctttctc	tcggggatca	agaccatttt	1320
gaagaagagc	ccggagccca	aggaggatcc	cgtcacctg	tctgactcgt	cctcatcctc	1380
cagctccatc	gtgtccttca	aaagtgtgta	cagcatcaaa	agtcgaccag	gaatcccacg	1440
acttgcggtg	gacggtggcg	agcgaacgtc	ccccgagcgg	agagagccag	ggacggggag	1500
gaaagacgac	gatgttgca	gcataatgaa	gaaatacctc	cagaagtagg	aaccagttca	1560
gcctccttga	agctgccttt	gaagacttcc	cgactctaca	ataacttggg	gacagagaga	1620
ctggccaggc	ctccccgggtg	gccagagcca	gccagcatgg	ccaccctcaa	gaggcagagat	1680
gagcccacag	aggcatatcc	tgcggggatg	ctgggctccc	agtgtggttg	gcctgaacaa	1740
aataaagtgt	tgactcctgg	gcactctgtc	cttctctatg	gccttgctac	ctgggattcc	1800
agagagttga	tggggtgcag	ataggggtag	gactgttaga	atagaaccaa	cccaaactgt	1860
gtgtagtgtg	gggtgtatac	ttctatttct	cttctacat	gtctacatgc	catgaccttc	1920
ctcctcctct	tcacttggtc	agtttcagct	cacttctccc	aggaagctct	tcctgatata	1980
tcaaactgaa	acaaatgctc	ctcctccatg	ctcccttaat	cccc		2024

<210> 248
 <211> 751
 <212> DNA
 <213> Homo. sapiens

<220>
 <221> misc_feature
 <222> (18)...(713)
 <223> similar to gi62223 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 248

ccccccacc	tggagttggc	catgatccac	tgactgtgac	ctgtgctctc	cagggatacc	60
ctgtggcggt	cccagctctg	catgcctgcc	atcgccctgca	gcacacacct	ctgagttccg	120
tttgggagac	ccctgaggac	gcccagtgcc	cacatctgca	tggaccgat	gtgctgagct	180
ggctccggaa	agaagtctcc	cccgccggca	tgctgctcat	cgatcgctc	ctgaccaca	240
ctgttccctac	aaaggcacca	ggattctgac	cctcaggtga	gagctccagg	tgctttggg	300
tctccgcttt	gaggacctgt	gacgcccgt	catctgtctc	cctgcccgtgc	cctccaccgg	360
cccagcctac	ccttgctgac	ttgtcttcca	catgtgcta	aagtgggccc	tgctctgttc	420
ctcctctgtg	ggccttgggg	actgtctcac	tgcttccca	gaggacttcc	agtagaaaca	480
gccccagga	agctcccagt	cagtgtccc	ctcctgcggc	ctggagccca	gctcgagtca	540
ggctctccca	cacctctctc	tttcatcacc	tccccggccc	atgccactct	cagggaggct	600
tcactctggt	ccccatccct	gtgtccagct	ctccagtcta	cacctgtact	tccgcaggcc	660
cctgctcttc	actggtgggt	gtgggagggc	ccctctgacc	gaactttcat	ttaaattgcta	720
cttctgtcat	ctggaaatac	agttttctcg	a			751

<210> 249

<211> 684

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(684)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 249

tgtagatata	gagtagctaa	ttctaaaatt	catatggaag	gcaaagaaac	taaattagcc	60
aaaacaattt	tgaaaaagat	ttcaaaaaaa	ttttgaagga	atcatgctgc	ccagttttta	120
gacttactat	aaagctgtga	taatcaaggc	aatctggtat	ttatgaaagg	ataaacacat	180
agatcaatgg	aataaagtcc	aaaaccagac	tcacataaat	agcaattgat	ttctgacaaa	240
ggtgaaaaga	caactcaatg	gggaatggag	agtttttcaa	cagatgattt	taaaacaact	300
gaacatccat	atgcaaaaaa	ataaacctac	ctaaatttca	cagcttatac	aaaaattaac	360
ctaaaatgga	tcacggatct	aaatgtagaa	ctaaatttat	aaaattttta	gaagaaaaaa	420
atccataggc	cgggcacggg	ggctcatgcc	tgtaatccca	gcacttcaga	ggctgaggcg	480
ggcagatccg	ttgaggtcag	ttcaagacca	gcctagccta	tgtggtgaaa	tcccaactct	540
actaaaaata	aaaaataaaa	aaaaaatggg	ctgggagtg	tggtgcacac	ctgtagtccc	600
agctacttgg	gagactgaag	cacaagaatc	acttgaacct	agcaggcaga	ggttgcagtg	660
agtgagagatt	gtgccactgc	accc				684

<210> 250

<211> 666
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(632)

<223> similar to gi2462837 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 250

ctgaacttgg	cctgtgttt	aagcagcagg	agccaatcca	gattttgtta	attttcctac	60
aaaaaatgga	tttgctacta	accaaaaccc	ctcctgatga	gataaagaac	agtgttctac	120
ccatggttta	cagagcacta	gaagctcctt	ccattcagat	ccaggagctc	tgtctaaaca	180
tcattccaac	ctttgcaa	cttatagact	acccatccat	gaaaaacgct	ttgataccaa	240
gaattaaaa	tgcttgctta	caaacatctt	cccttgcggt	tcgtgtaaat	tcattagtgt	300
gcttaggaaa	gattttggaa	tacttgata	agtgtttgt	acttgatgat	atcctaccct	360
tcttacaaca	aattccatcc	aaggaacctg	cggtcctcat	gggaatttta	ggaaactgag	420
gctcagagag	gtaaaataag	tgattcaaga	tcatataagt	ggtatttaca	aatgtacttt	480
tactcataag	aagttgggaa	tcaccaaaga	gcagctggcc	ggaaaagtgt	tgccctcatct	540
tattcccctg	agtattgaaa	acaatcttaa	tcttaatcag	ttcaattctt	tcatttccgt	600
cataaaagaa	atgcttaata	gattggagtc	tgaacataag	actaaactgg	agcaacttca	660
tataat						666

<210> 251

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(847)

<223> similar to gi4240130 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 251

cattttggga	ttgccatttt	aggagatcct	caagttttgc	tattggatga	accgactgct	60
ggattggatc	ctctttcaag	gcaccgaata	tggaatctcc	tgaaagaggg	gaaatcagac	120
agagtaattc	tcttcagcac	ccagtttata	gatgaggctg	acattctggc	ggacaggaag	180
gtgttcatat	ccaatgggaa	gctgaagtgt	gcaggctctt	ctctgttcct	taagaagaaa	240
tggggcatag	gcctaccatt	taagttttgc	atcctgaatg	aaagggtgtga	tccagaagag	300
tataacatca	ctggtttaag	caggcaccat	ctctgatgcc	caaaatttga	ccagccccaa	360
agtgaagaaa	aaccttgtat	ataattttgc	cttttgaaa	ggaccaaaaca	aatttccaga	420
actttacagg	gatcttgata	gatgttctaa	ccaaggcatt	gaggattatg	gtgtttccat	480
aacaactttg	aatgaggtgt	ttctgaaatt	agaaggaaaa	tcaactattg	atgaatcaga	540
tattggaatt	tggggacaat	tacaaactga	tggggcaaaa	gatataggaa	gccttggtga	600
gctggaacaa	gttttgtctt	ccttcacga	aacaaggaaa	acaatcagtg	gcgtggcgct	660

ctggaggcag	caggtctgtg	caatagcaaa	agttcgcttc	ctaaagttaa	agaaagaaag	720
aaaaagcctg	tggactatat	tattgctttt	tggatttagc	tttatccctc	aacttttggg	780
acatctattc	tacgagtcac	atcagaaaaag	ttaccctgtg	gaactgtctc	caaatacata	840
cttcc						845

<210> 252

<211> 1254

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (705)...(261)

<223> similar to gi5918469 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 252

tttttttttt	ttgtatat	tttaaatgtt	tattattcat	ttatccctct	atagaaccac	60
caccacacac	gaggagatta	tttggagtgg	gtcccaccgt	agggccggag	ctatgaaatc	120
tatctcccca	cttccctcac	catgtgcatt	aggtgtgggc	atggttcagt	cagaattggg	180
tttttttttt	caagagcacg	ccccctgggc	ctttattcac	caggaccttc	tggaaacctc	240
catggcccca	caccaagcac	ggccccggcg	cccaagctcg	gccacctgca	gtctcctggg	300
gtggggctgt	cggattttatg	gcatgctttc	tgggtttctca	ttgctgagcc	aatcccaaaag	360
taggggaagg	ggctggattc	atcacccgcc	cctcggcttt	cgagctccag	acaagggccg	420
tcgctgggga	ggcgtctgtg	ctctcccggg	ctcctgcagc	tccagagggt	tcgggctctg	480
aagcagggtga	gggtgttgct	aggtgtgctg	ttcctactgg	ctgccgcccc	gctcctgctt	540
gtacagtctc	tgtccccgga	tggcttggtc	caacaagggc	aggttcaccc	cctccacaca	600
ggtcagcacg	cgcgccttca	ccacggagcc	tctgtcctgc	tgatgctgga	gctccccgag	660
gacgatgtac	agggagccca	cctgggcgtg	gaagggtctc	accaacttgg	tacagacaag	720
aacctggtgc	tgatcggatc	cgtgctgagc	catcagtgtt	actctggact	gaatcatgtc	780
atagaggcac	aacctgccaa	atgttctcag	cgtgtcccca	tcaggaaactt	ggcctgcact	840
aacctcccag	gggaggtaat	aggtcccagg	tttgggcagc	atcatgggct	cctgttctag	900
gcgtcgccgg	tctcggatt	tcttctttcc	gcctcgcgtg	gtcacgtgac	gggggagggg	960
cgggatacaa	aaagtgtctt	attttcccac	tccccggacg	cccagcaggg	cagtttcttg	1020
accttcggag	cccctttccc	gaggatccgc	tcgggagcct	cccctggcca	ggagcagggg	1080
attagtctgc	cccgcgaccg	gccccagcca	cgacgcggac	atcgccccct	ctgtctgggc	1140
cgctgtcact	tttcatctac	tatgatgtga	tattttaaat	gaaaactttg	gaattcgagt	1200
aatgttagat	atcctgtagg	cacttgaaat	tataacttct	tttgtagaag	aaac	1254

<210> 253

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(651)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (332)...(650)
 <223> similar to gi36615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 253
gaattctgct tatgcaccaa tttgcagctc ctgcaaccat gatgcagcct caccgggacc 60
tttcaacatt ttccctttca cctaaaactg tatttttctc tgctaagacc ggctacccta 120
ctttcatttt cctttcactc ttcttggttc ttttgggcct ttttaggaatt tgggatgatt 180
caggctctga caggcatggt actagattta ttttaggctg ctcttttgct gttgtccaac 240
aggccaagga gagatttaaa tgatttatcc aatatttgct aaatagtcac gtgtttcatt 300
tatcccatat atagttcagc cttaatatg ttttggtttt gatttggtac actagtgcac 360
acatagagac gtgaagccag aaaatatcct catcacgaaa cattccgtga ttaagctttg 420
tgactttgga tttgctcggc ttttgactgg accgagtgac tactatacag actacgtggc 480
taccaggtgg taccgctccc ctgagctgcn ggtgggggac acgcagtacc ggccccccgg 540
tgggatgttt ggggcaattg gctgtgtctn tgctgagctn gctgtcaggg aagtgcctct 600
ggtggccagg aaaatcgga tggtggatca gctgtatctg attaggaaga 650
  
```

<210> 254
 <211> 1273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(1265)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 254
aacgtaggac ctgctacgcc agcttggcac gagggtaatg aatgtggaca aacctttggt 60
cacacttttt cccttaataa gcatcagagg actcattctg gagaaaagcc ctatgaatgc 120
cgggaatgtg ggagaacctt cagccagagc tcatcactca ttgtgcatta cagatttcat 180
actggagaga aaccttacia atgtaataaa tgtgggagag ccttcagcca gagttcatct 240
ctcactcaac attacagatt tcacactgga gagaaacct acaaagttaa tgagtgtgga 300
agggcctttg ctcatactgc atcccttatt aaacatcaga gaagtcatgc tggaaaaaaa 360
accctataaa ttcagtgaat atagaagggc tttcagctgg agtgcagaca tcaactggaac 420
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tggggaggag ccttatcaat gcagtgagtg tggcaagcct tcagttacat actgattctt 720
taagaaaatc agataaactg tactggagag aaatcctaca agtgtggtaa gtatggaaaa 780
  
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atcttcagtt	gtatctcttc	ctttactaag	catcaagaac	acataactaga	gagaggccct	840
atgaaagcag	gaaatagagg	aaggccttca	gtcagggctc	atcccttatt	aagcatcaga	900
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tataaaaaaa	aaa					1273

<210> 255

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(376)

<223> similar to gi5102812 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 255

ggccgcatcg	ggccccgagc	gcgtgtccga	gcggcttaaa	ggggccgtgc	tgctgccttc	60
gggtaccgct	gccccgggag	acccccggcg	gccccgccct	gcggggaccg	ggcgggatgg	120
ggaccggggc	agtggaccct	cggagtggg	atggggcggg	gggaacgcgg	gcgtggagcc	180
ctccggggac	agggcttgg	gtcctcagaa	gcctccagaa	cgcccatgga	acccgcccct	240
gcgcccaccg	cctcctgctg	tctttccagc	tgagttccgg	ctgcccctca	ccctcggttt	300
cttcactctg	cctctcccca	gccagcgccc	tgctccccgg	tcctcaacca	ccacctttca	360
cctgcctggg	ccttcacgcg					380

<210> 256

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2223)...(97)

<223> similar to gi5739387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 256

cctgccactg	aggcaggtgc	ggccccagga	ccatcaccag	gaatgcgagc	ccaccctgga	60
------------	------------	------------	------------	------------	------------	----

ccagaggtag	gagcccaagg	tccggcccect	tgctctttga	ttgtgggcag	cctcctgccc	120
tctctgggtc	tcagttgccc	catctgcaga	gcgaggaggc	ccgggctggt	tggtcttgaa	180
ggcccttttc	catgccgaca	tcattgtcact	ctaggcctgg	ggttcagttt	cctgtggctg	240
gtgatgctgt	ggttaagttt	gcttgacccc	agcagcccga	gggactgtct	gagtcacagc	300
acagccccta	ttgcgtggct	gctgggtgtg	ggggtcagtt	ccagcagatg	aatgtgtcat	360
gtggcacacc	ttgtcccttc	ccgcagcatt	tcctggttcc	ccccagaccc	ttgagcgctc	420
tttgggaccc	agaaggagtc	cttgccacagg	gaaggcttga	ggtgagaagc	cgcttcccag	480
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ccccttggtc	ggagcattca	gccaacccca	gcgtccccc	tgaggcgctc	attggcagcc	720
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gcgtttgcc	cccaatgcgg	ctcgcttcag	atgctctgat	gcagagggca	tgcccatagt	1500
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cacggcctgt	cctcttctct	gtagcgtctg	ctcctcactt	tgtgttgatg	gtgacttagg	1620
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gtggggagg	cggtatgcct	gggatccctt	cctggagagg	caggctgtct	ctggaaaaag	1860
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aattttaagg	gacctaagga	agcgcgcg	gccccctggt	ggtggtgaagc	cgccaacgca	1980
cctgggggct	ggaacccac	cggacgggtg	gtccggagg	aggctggagc	ggggaggcga	2040
ggagggggct	gtgagtcctc	agaggccctg	ggccaccaca	tttctggcag	cgtttcccag	2100
acaccctct	gctaggccat	ccctggatag	caagtgaatt	aacttaagg	cactgtgatg	2160
ggaagccttg	ccccctctt	ttttttttt	ttttaaaaat	gggggaaaaa	accccagggg	2220
ttaatttttg	aatgaataaa	aggtttttgt	tgaaaaaaa	aa		2262

<210> 257

<211> 682

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(671)

<223> similar to gi2072951 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 257

tctcctgacc	tcatgatctg	cccgccctcag	cctcccaaag	tgctggggct	acaggcgtga	60
gccaccgtgc	tgggcaaaa	gagcacactt	ctaaataacc	catgtgtcac	agataatttc	120
ttaaattggaa	tcgagaaata	gttaagctga	atgaaaatat	aattccaata	taggaaaatg	180
taagctggag	ctcaaacagt	gctgagttta	gcttataaaa	ctaaatgctt	atgttagaat	240
aaagtctcta	atgataatct	aagctcccac	ctcaagaaac	tacaaacagc	aatatacaac	300
caaaacaagt	agaaaaagaa	aataataatg	atcagaatag	aaatcaaagt	cagaacacat	360
agaaaatcaa	tgacacagaa	agctggttct	ttgaaatagt	caataaaatt	tataaacatc	420
taagaagatt	aacaaagata	aagaagacac	acataaccac	tattaggaat	aaaacaaagg	480
atacaactat	agaaccttct	gtcatgaagg	gaataataag	ggaatacttc	aaataaataa	540
ctccacaaat	ttaagttaca	aaacttagat	gaaatggaac	aattcctcaa	aaataataat	600
ctatcaaaac	ccaccaata	tgaaatactt	tgagtaccta	ttaagttgaa	tgactacata	660
attcaaatct	tccacaagag	aa				682

<210> 258

<211> 532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (90)...(437)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 258

ccccccataa	ccatgctaga	agaaacatct	atataagggtg	tccccactgt	acacatacta	60
cttaggaaac	ccagacccat	ccagcccagc	aacaattcca	agtctttcag	tcattcttta	120
aacatataaa	ccagaagtta	ccagaacctc	ctccttttagc	aaaaacagaa	aaaacctatt	180
tgctcagctg	gctgaaaaca	ttgctagctg	cctagatggt	tcttcatggt	atgtttataa	240
aaaggctaac	ataagagacc	aatggccttg	agaagcaaaa	gagttaatgc	ctcaagataa	300
ctttaactag	ctctttcccc	aaacagatgc	cacaagttca	agcatctggc	tcttaaaaact	360
tctattatta	aaaaatacca	tgttactcac	taggaaaaaag	cttttaagac	acagtaaaaa	420
gaactaacct	gcttaaggca	tgacaaagtt	ggtacatgtg	catatacagg	tttaacacag	480
gtctgatcct	aggtgttcac	ttagaacata	gtttccagct	gtaagaaaaat	tt	532

<210> 259

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (492)...(728)

<223> similar to gi5788108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 259
tgtattagta cttttccaat gaagtctctt aatttataaa gttattttaag agtttttatgc 60
atcagtatag gtatatgtat cttctatgga aataaaaatac tcccttttcc tcatatttac 120
ttctaatttt tatgtagtgt tttcaacttt agcacttaaa tttatgaagc attgatctta 180
ttcttcaaat agaacactta attttcttgg tttgtataat ttaccaattc agatcatttc 240
aattttccaa actcttgtga caaatgttta tataaaaacg aagtcagttt ttaatctgtg 300
tctaggttga aagtcattgg gttggccctt tctttaaata tgtgaaatgg cttttcaatt 360
aacagtttaa ctttatttgt aagacagtac tatgggtattg accataaagt atttttgctt 420
tgagtttaat aaggactcaa aagagtgaag catttatggc agattcttgt tatctcgttt 480
tcttttttag gctgatcaa ccccgataa ccaaagatgt aatttgtttt catgctgaag 540
atttcttaga agtagttcaa cgaatgcagt tagatttaca tgaacctcca ctgtcccagg 600
tatttttaat acacttactg tctttggttt agtttttatt atgaagagag ttatttgtat 660
ttcttggttt attatttttt agtgtgtcca atgggttgat gatgcaaaac tgaatcaact 720
gaggag 726

```

```

<210> 260
<211> 1394
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (954)...(1371)
<223> similar to gi3877428 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 260
tcatggatcat cagttctagt catggatatt tgaaattgga caaccacaag tctgagagat 60
ttgaaatttc aggctatgtg gcaacgtctt tgggtacattt caaagggtctg actaaatcag 120
tctttgggtg gcttgaaaat tgaggcaaga tcacacactg tgtggtttgt ggagaccggc 180
agtgtttgtg catcctgat atcctttgtg ttgtaattta tcacctttt gtgtttcaca 240
gatctggctt tgattggctg atgagtgtct ttgtgatcag ttaaaagtgg tagaatgtat 300
gtacgtggac ttgcctaaat aataacttta ggagaagaca atctgaaaca tttgtgacct 360
tgcacagatc agcaacagac ttttaaaaat aaattatttt tattttaagg tttcataata 420
gtaattacat tcttaacttt gtatgtcagg atgaagaaga gaaggatgat ggtgaagcta 480
aagaaatttc tacacctacc cattggtcta aacttgatcc aaagacaatg aaggtaaag 540
acctccgaaa agaattaaaa agtcgagctc ttagttccaa aggattaaaa tcccagttaa 600
tagcccgatt gacaaaacag cttaaggtag aggacaaaaa agaagaacag aaggagttag 660
agaaatctga aaaagaagag gatgaggatg atgataggaa atctgaagac gataaagagg 720
aagaagaaag gaaacgtcaa gaggaatatg aacgccagcg tcgagaaaga agatatattt 780
tgctgatga accggccatc attgtacatc caaattgggc tgcaaaaagt ggcaagtttg 840
attgtagcat catgtctttg agtgtcctat tggactacag attagaggat aataaagaac 900
attcatttga ggtttcattg tttgcggaac ttttcaacga aatgcttcaa agagattttg 960
gtgtccgtat atacaaatca ttactgtctc ttcctgagaa agaggacaaa aaagaaaagg 1020
ataaaaaaag caaaaaagat gagagaaaag ataaaaaaga agaaagagat gatgaaactg 1080
atgaacaaaa acccaaacgg agaaaatcag gcgatgataa agataaaaaa gaagatagag 1140
atgaaaggaa gaaagaagat aaaagaaaag atgattctaa agatgatgat gaaactgaag 1200

```

aagataacaa	tcaagatgaa	tatgacccta	tggaagcaga	agaagctgag	gatgaagaag	1260
atggtaaag	acctccgaaa	agaattagaa	agtcgagctc	ttagttccaa	aggattaaaa	1320
tcccagttaa	tagccccgatt	gacaaaacag	cttaaagtag	aggaacaaaa	agaagaacag	1380
aaggagttag	agat					1394

<210> 261
 <211> 1488
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (866)...(1462)
 <223> similar to gi332612 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 261						
tttttttttt	aggaacacat	tgcatTTTTat	tacgtgtctt	gcacctgctg	acaacctcaa	60
gacaaaccga	ggctttcctt	ttcaacatct	gcaagcagct	gggagcgtgg	ctacttcggt	120
gggagctgtc	tgaggTgctg	aaaccttctc	ttggcttagc	gcaggagaaa	tctccatcac	180
tcttgccctt	tcagtcctga	tcccaaggct	ggtggcttta	tcgctgttct	ctggcttgct	240
agggaaagact	gttccaaggT	acagaaaacag	cttcgctgcc	ttggTcacta	agatgatggc	300
aagcagcata	cctttataat	ccttaggact	ttgtacctgt	tgtccttctg	tctggaggac	360
tgtgggtatg	aggtgttcaa	gaagaaagct	caaatcttcc	gacggcaggt	accttgctgt	420
ggattttacaa	tacgacaggg	gtccgaacgc	agctcaggaa	cagaaagaaa	gcagggtatt	480
tgcaatctac	cggagcttaa	gggcagaagg	cagggcccgt	gggaccaata	tgccaggggg	540
atttccactt	tctgccatat	atgtagtcac	atcaccact	ctgccttgga	atattattaa	600
ggaccatcta	acacgagggt	gtatacgtcc	tgcaatacta	cgagtaatat	caacttcttg	660
gcctctgaat	atgaggaaga	atatcacagg	gctgggtgaa	cacagccggc	aatgctgaaa	720
ttattatcaa	cctctcccca	tcttcccctc	ctggctctta	ggacccccat	cgcagagggg	780
ggaggcaccc	cccgcgaggc	agggactgag	agccagaccc	tcaccccccc	ctggcttagg	840
accccccatc	gttgctccta	agatccttag	gacccacctg	gaggactgtg	ggtattaggt	900
gtccaagtag	agagttcaaa	tcttctgacg	gcaggTacct	tatgtgggat	ttacgatccg	960
acgggtccga	acgcagctcg	ggaacagaaa	gaaagcaggt	tatttgcaat	ctaccggaaa	1020
ttaagggcag	aaggcaggTg	agagaattct	taggagctgt	ggggttttgt	agactgtgga	1080
tcccaaactg	cagtattagc	cgagcctttg	tatgaggtca	caaagggggc	ggggacccgg	1140
aacttttgaa	atggggatcc	caacaacagc	aagtttttca	tgagttacaa	gaaaatcttc	1200
tggcagcccc	agccctgggg	ctacccgatc	tgacaaagcc	ttttccattg	tatgcgtcag	1260
agagagaaaa	gatggcagct	ggacttttaa	cccaaactgt	ggggccctgg	ctgaggccgg	1320
tagcctacgt	ctctaataaa	ctagacaggg	ttgctaaagg	atggcccccc	tattagaggg	1380
ccttggcagc	aactgccttg	ctagtacaag	aagcaaataa	gctgattctt	cgggcaaaac	1440
ctgaacataa	aggcccccca	ttttgtgatg	gctgagatcc	atccccctc		1488

<210> 262
 <211> 1311
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (543)...(1311)

<223> similar to gi3043684 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 262

ctatcagcca	cataccacat	agggaggcca	cagatgggcc	gtggtgggtg	gaggtagcct	60
ttgcaccatg	ttgagcagag	acggctggct	ctcctcaggg	ctccggctgg	aaggtgtata	120
ccggaagg	ggcgctcgtg	cccgcagcct	gagactcctg	gctgagttcc	gtcgggatgc	180
ccggtcgggtg	aagctccgac	caggggagca	ctttgtggag	gatgtcactg	acacactcaa	240
acgcttcttt	cgtgagctcg	atgacctgt	gacctctgca	cggttgctgc	ctcgctggag	300
ggaggctgct	ggtattccta	agatccctga	gagccaaggc	ccaaccagga	tctctgcctt	360
ccccaccag	aatccatggt	ttggcagccc	tccgccccat	cacttccac	cctgggggat	420
catccagaga	cttggtcag	ggggaggtgg	gaagggggca	gagacacatc	catcctgcat	480
ttgtgcctaa	aaatccctcc	ctctgtacca	gctgccactc	tttcttcccg	ggtcctcccc	540
aaccctcctc	cattccatcc	ccagagctgc	cccagaagaa	tcagcgcctg	gagaaatata	600
âagatgtgat	tggctgcctg	ccgcgggtca	cccgcgcac	actggccacc	ctcattgggc	660
atctctatcg	ggtgcagaaa	tgtgcggctc	taaaccagat	gtgcacgcgg	aacttggctc	720
tgctgtttgc	acccagcgtg	ttccagacgg	atgggcgagg	ggagcacgag	gtgcgagtgc	780
tgcaagagct	cattgatggc	tacatctctg	tctttgatat	cgattctgac	caggtagctc	840
agattgactt	ggaggtcagt	cttatcacca	cctggaagga	cgtgcagctg	tctcaggctg	900
gagacctcat	catggaagtt	tatatagagc	agcagctccc	agacaactgt	gtcaccctga	960
aggtgtcccc	aacctgact	gctgaggagc	tgactaacca	ggtactggag	atgcggggga	1020
cagcagctgg	gatgacttg	tgggtgactt	ttgagattcg	cgagcatggg	gagctggagc	1080
ggccactgca	tccaaggaa	aaggtcttag	agcaggcttt	acaatgggtc	cagctcccag	1140
agccctgctc	agcttccctg	ctcttgaana	aagtccccct	ggcccaagct	ggctgcctct	1200
tcacaggtat	ccgacgtgag	agcccacggg	tggggctgtt	tgcggtgttc	gtgaggagcc	1260
acctcgcttg	ttggggaagc	cgcttccagg	agaggttctt	tcttgttgcg	t	1311

<210> 263

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(330)

<223> similar to gill103590 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 263

ctttgctgat	gccccatgt	tcgatatggg	tgtgaaccat	gagaagtatg	acaacagcct	60
gaatatcatc	acgtgatgaa	ggcagggccc	gtggagaagc	ggccagcctg	gcaccctatg	120
gacacgctcc	cctgacttgc	gccccgctcc	ctctttcttt	gcagcaatgc	ctcctgcacc	180

accaactgct	tagaaccctt	ggccaaggct	atccatgaca	actttgggtat	cgtggaagga	240
ctcatgggtat	gagagctggg	gaaaggaact	gaggctccca	cctttatcat	ccaagactgg	300
ctcctccctg	cggagctgc	gtgcaaccct	ggggatgggg	ttctggggac	tggcttatcc	360
atact						365

<210> 264

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1125)...(605)

<223> similar to gil209103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 264

tttgagatgg	agtctcactc	tgccaccagg	ctggaatgca	gtggcgcgat	cttgggtgac	60
agagcaagat	tctgtctaaa	aaaaaagaaa	gaaataggag	caggatcaac	ttccagatat	120
acagagaata	taaaaaatata	ttcactttat	tttagaaaaa	tgaagactca	tagagtaagc	180
ttatcacaaa	ctggcctatt	aggagtcaca	gaattcacag	gaaacaattt	ctgaagacca	240
ggtgcctgct	gccacctctc	caagcaggcc	agagtccagt	agagaatgcg	attcaggaag	300
atggctcctc	agagggcagg	gaggttagct	acggaggccg	ctcacatgga	aatgtccagt	360
gaaccaatgc	caaggaagaa	gataaaaatt	ctctggggct	gaccacaaca	gtgggggtgg	420
ataaagacaa	accacttgcc	tgtactttct	atcttctatt	tgttcatttc	actgctggaa	480
ggtgacctct	tttcccctaa	tcttctttca	acccagagag	tttaagtctt	ctcdagctca	540
atcctaatacc	accccatttc	ccatggtctc	tactcctggg	agaccagccc	tggtggcatc	600
tcttctcctc	gtccctgggc	cagaatctgc	tggagtcagg	gtctgctggg	tagaggcgag	660
tccagggtact	gactgtagt	gtttgtctact	gaagtcttgc	ttgctgtcct	gatctcttta	720
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catgacagga	agatttagtc	gctgggaaac	aggaaccttg	tgtccacttt	cccgcactct	840
gtgtcctgca	gtgcttggtc	ttggaagccc	ttttcgagtt	gacagagaat	ccggaggtag	900
ggcacctctg	ccaggtggca	cactccggct	ggtgagtggc	attcggctgg	caggcccgc	960
acttggtctg	tctggtctcc	tcactggctg	ctgctctccc	actgggcccg	gctctcccc	1020
ggactggggg	agtcgatcgg	gtaagaggag	aagatgctgg	gcttttggat	gcagggaaca	1080
gattgcaagt	gggtgactcc	ctcttcatgt	tggaggccct	ctttccagat	gtagccggag	1140
agccctgact	gaccccttcc	tatctttctc	cgccctcgct	caagcttgcg	ta	1192

<210> 265

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (262)...(973)

<223> similar to gi2388986 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 265
ttttgtcgaa aggggtttta gtggggaacc cccgggggttt tccccctccc gcggtgttaa      60
accccggggc agggaattta attttggggg ccccataaaa aaactttttt cttgcaagcc      120
cgcggaagta aactttgatc ctttaaaacg ggccccctt tttttttttt ttcttggtt      180
cacatttatt gtaacttgga agcccaccct tcttcctact cctggagctg tcgtcccca      240
gggctcagga attagccttg ctccacagca aacagcccag agggcccacc tgggcaaaa      300
caaacaaaac agatacgttc ctttcgggca ggtgcagatg ctctgcccag gcctgcggaa      360
gccagctccg gtctgtgtgt aaatcctccc caggacttcc ggcccaccag ctccattcca      420
gcctccactc ggctcagctc cgcggttcc tccagccagg ctggtcctgc atcgccatct      480
gctggcgcgc cggcacggcc ggttcctgga gccagcagga gtcggaggct gcagggcttg      540
aaggcctctt caccgtgcc tccagggagc ctactgccc aagtattcct gctggaactt      600
ctggaagtct tcctcggtga acacggtgcc ctacgcttc ttcttcttgg tcttggccac      660
aggccggtca caggccttgc ggcccgggtt ctggcgcaaa atctgctggc tcacagactc      720
agccacgggtg cttctcgtcc tggtcagaaa cttcagggtt actctgaggt ggtctcgaca      780
ctctcgcttc cggtaactcg ccagtgcga cttgggcacc tttcccttgg ccgagttccg      840
cagtttctgg gcctgaattg cttctgtctt cgggggcctg ttcaccggag cccctctcgg      900
cttggcctga cctggagggt cccggggggc ctgggacgcc gccagcagct ccaggccccg      960
ccgcagcagg gcggcggaaca tggcggcgct tggctcccc cttctgtcgt cttctcgag      1020
c

```

<210> 266
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(756)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(755)
<223> similar to gi3874336 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 266
aatacattgc cgggggtggc caggggtccc gtcgcaaagc acggagagtgc cgagtttagg      60
agtctgagct tcccccgagg cgcgagccag cgggagcggg gatccggtgg ccgtgcctgg      120
tgccaccgtc tttgcgcgg gaccttctga gagagggtgg gttcgggagc ccggagctgg      180
accttctcgg gaagggaacg tgatctcgag agcactgggg tccccctccc gggcgctcc      240
gcccgtcgcg cgaccacgga gcctgggaag agggatccgc cggctgcagc cgcgaggtg      300
gaaagacctt tctctccgcc ttaccgctcc agatcttcgc cggcggtttt ccctggctcc      360
cggagcggct gcgtgctgca cctgttgctc ggagctgctc cttcccgagg cgcttcnccg      420

```


cactgcccag	cgcgccagcag	tgcactgtgc	ggctcctgca	gagaaggctc	cccgcgcctc	480
ccgcgcgccc	agcgccacct	ccccagtggg	ctggcgccctc	cgactccctc	ccggcttttc	540
cagggattcc	gagtcgtcca	cagggcgaga	gctcttttgg	gaggcttcct	ggtggtggat	600
agagtcgggt	gccaggggct	tctctgctgc	aactgagagg	cgaaaacagc	tcggctgaaa	660
tccgcgcccc	ttagaagtca	cggtgcgcga	gcagagacat	ggacggattc	tagcgggatg	720
ggtcgccgcc	cacctcccga	cgaagtcgtc	gaccc			755

<210> 267
 <211> 1906
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1907)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (411)...(1906)
 <223> similar to gi5532493 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 267						
gtccccgactt	tcttgaggga	caccttcgtg	cggagcgcgc	cgagcctcgt	cccgcggccg	60
ggccggggccc	ggcccgtagc	ggcggcgccct	ggatgcggac	ccggccgcgg	ggagacgggc	120
gcccgcggccg	aaacgacttt	cagtccccga	cgcgccccgc	ccaaccctta	cgatgaagag	180
ggcgtccgct	ggagggagcc	ggctgctggc	atgggtgctg	tggctgcagg	cctggcaggt	240
ggcagcccca	tgcccagggtg	cctgcgtatg	ctacaatgag	cccaagggtga	cgacaagctg	300
ccccccagcag	ggcctgcagg	ctgtgcccgt	gggcatccct	gctgccagcc	agcgcattct	360
cctgcacggc	aaccgcattct	cgcatgtgcc	agctgccagc	ttccgtgcct	gccgcaacct	420
caccatcctg	tggctgcact	cgaatgtgct	ggcccggaatt	gatgcggctg	ccttcactgg	480
cctggccctc	ctggagcagc	tggacctcag	cgataatgca	cagctccggt	ctgtggaccc	540
tgccacattc	cacgggcctg	ggccgcctac	acacgctgca	cctggaccgc	tgccggcctgc	600
aggagctggg	cccggggctg	ttccgcggcc	tggctgccct	gcagtacctc	tacctgcagg	660
acaacgcgct	gcaggcactg	cctgatgaca	ccttcgcgca	cctgggcaac	ctcacacacc	720
tcttcctgca	cggcaaccgc	atctccagcg	tgcccagagcg	cgcttccgt	gggctgcaca	780
gcctcgaccg	tctcctactg	caccagaacc	gcgtggccca	tgtgcacccg	catgccttcc	840
gtgaccttgg	ccgcctcatg	acactctatc	tgtttgccaa	caatctatca	gcgctgccca	900
ctgaggccct	ggcccccttg	cgtgccctgc	agtacctgag	gctcaacgac	aacccttggg	960
tgtgtgactg	ccgggcacgc	ccactctggg	cctggctgca	gaagttccgc	ggctcctcct	1020
ccgaggtgcc	ctgcagcctc	ccgcaacgcc	tggctggccg	tgacctcaaa	cgcttagctg	1080
ccaatgacct	gcagggtgc	gctgtggcca	ccggccctta	ccatcccatc	tggaccggca	1140
gggccaccga	tgaggagccg	ctggggcttc	ccaagtgtcg	ccagccagat	gccgctgaca	1200
aggcctcagt	actggagcct	ggaagaccag	cttcggcgag	caatgcgctg	aagggaacgcg	1260
tgccgcccgg	tgacagcccg	ccgggcaacg	gctctggccc	acggcacatc	aatgactcac	1320
cctttgggac	tctgcctggc	tctgctgagc	ccccgctcac	tgagtgccg	cccaggggct	1380
ccgagccacc	agggttcccc	acctcgggcc	ctcgccggag	gccaggctgt	tcacgcaaga	1440
accgcacccg	cagccactgc	cgtctgggcc	aggcaggcag	cggggggtgg	gggactggtg	1500
actcaaaagg	ctcaggtgcc	ctaccagacc	tcacctgcag	cctcaccccc	ctgggcctgg	1560

cgctggtgct	gtggaanagt	gcttgggccc	tgcttgaccc	ccagcggaca	caagagcgtg	1620
cttcagcagc	ccaggtgtgt	gtaacatacg	gggtctctct	ccaacgccgc	caagccagcc	1680
gggcggccga	accctgggg	caggccaggc	caggtcctcc	ctgatggacg	cctgccgccc	1740
gccaccccca	tctccacccc	atcatgttta	cagggttcgg	cggcagcgtt	tggtccagaa	1800
cgccgcctcc	caccagatc	gcggtatata	gagatatgca	ttttatttta	cttgtgtaaa	1860
aatatcggac	gacgtggaat	aaagagctct	tttcttaaaa	aaaaaa		1906

<210> 268

<211> 1402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1387)...(1256)

<223> similar to gi222811 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 268

ctagtctgac	atctcgcgcg	gcctcgggag	ctgccccgcg	gccccggacc	gaggcagccc	60
tcccctttaa	aagaagcggg	ggacaggatt	gggatccttg	aaacccgaaa	cccagaaaca	120
gcatcgagc	ggaaccaga	ggggaacct	tgaactcctc	cagacaattg	cttcggggga	180
gttgcgaggg	agcgagggg	aataaaggac	ccgcgaggaa	gggcccgcgg	atggcgcgtc	240
cctgagggtc	gtggcgagtt	cgcgagcggt	gggaaggagc	ggaccctgct	ctccccgggc	300
tgcgggccat	ggccacggcg	gagcggagag	ccctcggcat	cggcttccag	tggctctctt	360
tggccactct	ggtgctcatc	tgcgccgggc	aagggggacg	cagggaggat	gggggtccag	420
cctgctacgg	cggatttgac	ctgtacttca	ttttggacaa	atcaggaagt	gtgctgcacc	480
actggaatga	aatctattac	tttgtggaac	agttggctca	caaattcatc	agcccacagt	540
tgagaatgtc	ctttattgtt	ttctccaccc	gaggaacaac	cttaatgaaa	ctgacagaag	600
acagagaaca	aatccgtcaa	ggcctagaag	aactccagaa	agttctgcca	ggaggagaca	660
cttacatgca	tgaaggattt	gaaagggcca	gtgagcagat	ttattatgaa	aacagacaag	720
ggtacaggac	agccagcgtc	atcattgctt	tgactgatgg	agaactccat	gaagatctct	780
ttttctattc	agagagggag	gctaataagg	ctcgagatct	tgggtgcaatt	gtttactgtg	840
ttggtgtgaa	agatttcaat	gagacacagc	tggccccgat	tgcggacagt	aaggatcatg	900
tgtttcccgt	gaatgacggc	tttcaggctc	tgcaaggcat	catccactca	attttgaaga	960
agtccctgcat	cgaaattcta	gcagctgaac	catccaccat	atgtgcagga	gagtcatttc	1020
aagttgtcgt	gagaggaaac	ggcttccgac	atgcccgcaa	cgtggacagg	gtcctctgca	1080
gcttcaagat	caatgactcg	gtcacactca	gtaagtcctt	gcagagtcca	tgggtttctt	1140
cgacaagtgg	cttcaaggaa	gggaattccc	acccttgtct	tccagcaagg	ccacacacat	1200
gaaaccagca	gaaaagagtc	ttatttgctg	gaaagacccc	cagcaagggc	atagtgagcc	1260
cttacagtgg	ttccagtcag	aaaaggcacc	acttggtggg	cacagcccca	tgggtgttcc	1320
aacttggtaa	gcagagcaag	gctggacttg	agttcccgtc	cttcacaaaa	cacagagcca	1380
caagccccag	gcctgcagca	gg				1402

<210> 269

<211> 823

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(592)
 <223> similar to gi4519270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 269

tgtaagcatt	gtggaatggg	attcacatct	gccaggattt	tccaaataca	tgaaagaaca	60
caaatgggag	agaaccctta	tgaatgtaag	gaatgcggaa	aagcattcaa	ttatttttct	120
tccttgcata	tacacgcaag	gactcatatg	ggagagaagc	catatgaatg	taaggattgt	180
gggaaagcat	tcagctagcc	tggttccttt	tatggacatg	aatagactca	cactggaagg	240
aagcactatg	aatgcaagca	atgtggcaaa	actttcacat	tttccagttc	ttttcgatat	300
catgaaagga	ctcacactgg	ggagaaaccc	tatcaatgta	agcagtgtgg	gaaagccttc	360
attcctttta	cttcttttca	atgtcatgaa	aggactcaca	cgggagagaa	accctatgag	420
tgtattctag	ttccgtttga	tatcatgaaa	ggacttacac	tggagtgaaa	ccctatgaat	480
gtaagcaatg	tgggaaagcc	ttcagatgtg	cctcgcacct	tcaacggcat	ggaaggggttc	540
acacttgga	gaaactctat	gaatgtaagc	agtatgggaa	agccttcaga	tctgccaaaga	600
ttctttgaat	acagataatt	aatgtaaaca	attatcataa	gtataactaac	atgttattct	660
ttttaaataa	gaaggtataa	taaaatatcc	cattgggtttt	atgtattaga	tcaagcttat	720
aatgttacat	tgttattatt	tggacattgt	gagtcagtat	taccatgtgg	ataaaatgcc	780
aggcatcttt	ttcctcatgg	aaagtttact	ttttgcaccg	ggc		823

<210> 270
 <211> 2023
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2026)...(545)
 <223> similar to gi575322 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 270

tttttttttt	ttgaaggcaa	aagtgtttat	tcaagacttt	ctaccacact	gtgggaagca	60
tcgataaaca	gtcataataa	ttatcattct	gagtcactgc	aagcgtgggg	ttggatgctg	120
gctctcacag	tagcctgtgt	tgggaccatg	agcagccatg	cgcacctcca	cgcacggccg	180
agctcaaccc	gaagaccacg	cgtgctccct	ggcaggagca	ggaggcctga	ccacagacgc	240
agcagctccc	cagcctgagc	ctgggagtgc	accagccagc	tcgcagcgga	ggccgtttct	300
cctcacaggc	tggagtgagc	tcagagtcta	gaggtcagag	gacctcagac	taagagctgc	360
aacagaacga	cagcaagaac	attctggaaa	cgatgccaca	gtgaatcttt	tatactgtca	420
ctcacacttg	gtgagggcct	cagacatgaa	accctgggga	gaggcgagtg	tgacctccag	480
agtttggtctg	ggatgcggct	gagacagacc	tgctgctggc	cgaggagggc	agtggctggc	540
gtggccctca	tggccagcag	gtgctaggac	tcctctggag	gcccaggcgc	ctgtctaagc	600

tgccggctgt	ggaccacctg	cagagctccc	cccgcagcct	ggcggagctg	ggcatccagg	660
gcgccacgga	ggtcgttcac	ctggacatca	ggcagggggg	taaggccaat	gatgacccca	720
tccctcgggg	ccagctgacc	ctctgcatga	gggccaaggt	cccgccgtcg	cctccggagg	780
tcggagccag	cctgcagttt	caggtccccg	ttgggcttgg	cattgtccgg	cctctggccc	840
cccgggacag	ctcgtttgag	ccccagctct	ggctctggcc	tctgcctggg	ctcctggaca	900
gcagcgtcct	ccccgcctct	cggctgctcg	tgggacacag	gcacatggtc	ccccccgcgg	960
gcctttctca	tctccagggt	accgccatgg	tccagccggg	ggccctgctg	tccacctgc	1020
tcgccatcag	agatgacccg	cagttccggc	tggcgtaaca	cagcctgggg	ctgtgcagct	1080
gctccttcg	ccccaccggg	caggtccgct	gcaaggccca	ggtctcggct	cacttgcttg	1140
ggcttcatgc	gaggggtccc	cgtctctgct	cctggccctg	ccacgagcca	gttggtcttc	1200
ttcagaatgc	tggtgccagt	ggctgccacc	tccttcccag	gttttttctt	gtcttgggaa	1260
ccgcagtaaa	cgtcctgact	ttgccacagg	aattcctctg	cgaggcgctc	ctctggggcc	1320
ccggtctccc	tggcgggggt	tggcacgggc	acctgctccg	ggcccttggg	gagctccttc	1380
acagtgcag	ctgccctggg	ggcgccatcc	ttctggccat	ctctcagctt	gccctgggct	1440
gcccagaggct	ctgtgtcagg	gccgccgtca	ggagggccag	cagggctctt	gcccacaggc	1500
ccctcagagt	gctccaggga	gcgctgggta	aggtcctggg	atggagcagg	gcggccccc	1560
ggagctctga	ggacagggtc	caaaggcagg	ggaggcagat	tctccaccgt	ctccctggcc	1620
ttgccttcag	gggcctcctg	gcctctgggc	accgctgcc	cgggctcttg	atgcacctcc	1680
acctgcctgg	gtttatcttc	ctcgtcctcc	tgcctctgct	ggtggatctc	cttgtgctgc	1740
tcctcgatca	ccgccagcag	cttctcctgc	tgggtccagca	agcgttttg	ctgcacctgc	1800
tgttctttga	tcacctgaag	caggacggcg	tgggtccagca	tctccgccct	gccagcttcc	1860
tccagctggc	tggccgcctg	gtttccaccc	gctcgtctca	cgccctctg	ctcgcgaggc	1920
tcgggcgggc	agcccaggcc	ctggagccgg	cttctccgct	gggaggggag	gcttcccacc	1980
gtggtcgctg	tcctctgceg	gctgcctctg	gtccccggcg	gcg		2023

<210> 271

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(871)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(870)

<223> similar to gil80359 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 271

ccttggaag	cccccaagga	gcataagtac	aaagctgaag	agcacacagt	cgttctcact	60
gtcaccgggg	agccctgcca	cttccccctt	cagtaccacc	ggcagctgta	ccacaaatgt	120
accacaagg	gccggccagg	ccctcagccc	tgggtgtgta	ccacccccaa	ctttgatcag	180
gaccagcgat	ggggatactg	tttgagagccc	aagaaagtga	aagaccactg	cagcaaacac	240
agcccttgc	agaaaggagg	gacctgtgtg	aacatgccaa	gcggccccca	ctgtctctgt	300
ccacaacacc	tactggaaa	ccactgccag	aaagagaagt	gctttgagcc	tcagcttctc	360
cggtttttcc	acaagaatga	gatatggtat	agaactgagc	aagcagctgt	ggccagatgc	420
cagtgaagg	gtcctgatgc	ccactgccag	cggctggcca	gccaggcctg	ccgcaccaac	480

ccgtgcctcc	atgggggtcg	ctgcctagag	gtggagggcc	accgcctgtg	ccactgcccg	540
gtgggctaca	ccggaccctt	ctgcgacgtg	ggtgagttag	ggtctggggc	aagcagaagg	600
ccagccccc	ggtgggacgg	gcttgccagg	aaggaggagg	gagagtgcgg	aaagcagatg	660
agagggaggg	aggagagccc	agccttggct	gcccagggag	ccccctttct	cctcagacac	720
caaggcaagc	tgctatgatg	gccgcgggct	cagctaccgc	ggncctggcca	ggaccacgct	780
ctcgggtgcg	cctgcagccg	tggccctcga	ggccacctaa	ccgaacgtga	ctgccgaaca	840
agcgcggaac	ttgggactgg	gccgncaccc				870

<210> 272

<211> 1420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (408)...(1423)

<223> similar to gil196433 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 272

aaaactatta	aaactgataa	agcgagttca	tccaggtcgt	agaatacaag	accaatgtgc	60
aatgatcatt	gcattttgtt	tttgtttgtt	tgtttttttt	tgagacagag	tctcactctt	120
gtcgagactg	gggtgtagtg	gcgccatctt	ggctcactgc	aacctctgcc	tcccaggttc	180
acgcaattca	catgcctcag	ccacctgagt	agcagggatt	acaggtgtgt	gccaccatgc	240
ctggctaatt	tttagtattt	ttagtagaga	tgggattttc	ccttgtttgt	caggctagtc	300
atgaactcct	ggcctcaagc	gatccaccca	tcttggcctc	ccagagtgc	gggattacag	360
gtgtgaatca	ccatactcag	cctcaattgt	atttctgtac	acctctaaat	aaatggaaat	420
acattccatg	ttcatgaatc	agaagacata	agatgaccat	actcccaaaa	ctgatctaca	480
ggttaaatgt	aattcccat	aattccagct	ggtttctttg	ctgattctaa	aattcatatg	540
gaaatttcag	gaacacagaa	tattaggaag	aatcttgaaa	gagtttgaat	gaccaccct	600
tcctgatttt	aagtatacag	aactacagta	atgaatgtgt	tgtactggta	taaaggtaga	660
catataggtc	aatatagatc	aatggcatag	aattgagaat	tcagaaaaaa	agccttcacg	720
tttatgggtca	gttgatttta	aaccagagtg	ccaagacaat	tcaatgggaa	aaggaaacag	780
tctttgaacc	aactgtcttc	tggatctatt	ggatatctat	gtaaaaaaga	gtgacatttg	840
attcctactt	cacatgatat	ttaagaagta	acttaagatg	gatcaaatac	ctaaatgtaa	900
gctaaagcta	taaaactctt	agaagaaaac	atagacgtaa	atctttgtga	ctttggatta	960
ggcaaggatt	tcttaaatat	acccaaagca	taggcaacaa	aagagaatac	acaaactgga	1020
cttcacaaa	actaaaaact	gttgtttgaa	atgacaccat	caagaaagtg	aaaagacagc	1080
ttacagaatg	ggagaaaata	tttgcaaata	ataaatgtga	taagggactt	gtatcttggt	1140
ggtatataaa	gaactcgtaa	ctcaattata	aaaagacaac	tttgaaatgg	gcaaaatagc	1200
tcaacaggct	tttctgcaaa	gaagaaatac	aaatgaccaa	gaagcacatt	taaaaatttt	1260
cagtactatt	actcatcagg	aaaatgcaaa	tcaaaaccac	aagacaccca	atgtctacaa	1320
tcaaaaagat	aataactagt	attgatgagg	atgtggagaa	attgaaattc	tcataacatg	1380
ctgggtagga	atgtaaaatg	gggcagccac	tttgggaaaa			1420

<210> 273

<211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(194)
 <223> similar to gi407139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 273

gttaccact	aaaactcttg	aaggcatggg	agcagttcat	gctctccgag	gtgaagtggg	60
cagcatcaag	attcctttca	gtggcaaacc	agatcctgtg	atcaccttaa	aatgagaggc	120
aggactggct	aggatgatcc	taaggatgat	tcccagcctt	gacatgctgg	tattctcaca	180
tatcctatcc	gtggctgata	tagtctgtgc	ggatgaaaat	tccaaaaccg	aagacaggat	240
ttcgacttg	ctaaagttgg	agctcccagg	cgctgagatc	caatttgggc	ctgggagagt	300
ggggaggagg	agcaatctgc	ccagtgaagg	agagctgcgc	taaaggcaag	gttttacttc	360
tttttatccc	ttagcgaaaa	gccactgcc	tctgaaagta	gcacggtgtg	gccacacgga	420
cacatggggg	aagtcagtca	gaggcgctcc	aacagaacgg	ccagaagccc	ctttcctggc	480
ttaccaggca	gcctcctcgt	gccgaattcc	tgcagcgcg	cggcgagggg	tctatt	536

<210> 274
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(378)
 <223> similar to gi1196433 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 274

cagttgctaa	aaaaacccaa	gtataaatct	aacaaaacat	gtacaggact	tcaattgtac	60
atgttttgtg	gcagaaaact	acaaaacatt	gatgaaataa	accaaataag	atctaaataa	120
atggaaaaac	atagtgtgtt	tgtggattag	aagattcaat	ataataaaga	agtcaattat	180
ttgccaat	acatagaagt	ttaatgcaat	tcctatcaga	atcccagcaa	gatttttgta	240
gatatagaca	cgattattct	aaaatttata	tgaaaatgca	aaggaaccag	aatagctaaa	300
ataactttgt	aaaagaataa	taaagtggga	ggaatcaatc	tacctgattt	caagatttat	360
tatagagctg	tcgtattttac	agagtgatag	acacatagat	caatgaaaca	aatagagaac	420
ctagaaacag	actcacaaaa	atatgcccaa	cc			452

<210> 275

<211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(420)
 <223> similar to gi4583537 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 275
 attaagccta gccctagccc ttttaagggt cactgtgtgg aacggcccag gctccccaaa 60
 tctaaaacttc tcactcttca ccatccagtt ttcaaggcac tgtgaagccc ctgatgcgaa 120
 acagcagtta ccgcaggcca tggaggagcg ggcacagctg aaagcacatc tagggcaggt 180
 aatggagtca gttagataac tacaaacgga gagagatacg tatgctgaaa atctgaaagg 240
 agggagggcc atgtggtgtc agaggaagca acagatgtcg gagcagcagg gccctccaag 300
 gtggagcagc agctacaagc agaggctgac cacctgcaga aggagctgga gagtctggca 360
 gctccgagcc caggagcaag acactgaggg cttcagtcac ccgaaccagg aggtggagga 420
 g 421

<210> 276
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(421)
 <223> similar to gi1334115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 276
 caaaaacata tataaatggt tttagaaata gacaaatcca cgataatagc tggagatgtc 60
 aacacccctc tatcagtaac tgacagattc agcaagcaga aaatcaggag gatatagttc 120
 aactgaatag taccatccat caactggatg tactaacatt aatagaatac ttcctctaac 180
 aacagcagaa tatacatctt tctcccactt gtatagaaca ttcaccaaag agaccacatt 240
 ctgggccata tgacacacct taacaaaggt aaaagaatag aaatcatata aagcatgtc 300
 tcagaccata atggaattca accagaaatc agtaacagaa agatagctgg aaaatcccca 360
 aatacttaga gatctaataa cacacttata aataaacaca ggagtcaaaa aaggaattcc 420
 accgcacgga ctactggtca tctatt 446

<210> 277
 <211> 2139

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(2139)
 <223> similar to gi4887715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 277

ggaattcgcc	tggttgaggc	tgggccagga	cctgagggcc	gagaggcatt	ttctctgaac	60
agctcttcag	gggagttgcg	tgcgcgagtg	ccctttgact	atgagcacac	agaaagcttc	120
cggtctgctg	tgggggctgc	tgatgctggg	aatctctcag	cctctgtcac	tgtgtcggtg	180
ctaatactg	gagaggatga	gtatgacct	gtatttctgg	caccagcttt	ccacttccaa	240
gtgcccgaag	gtgcccggcg	tggccacagc	ttgggtcacg	tgcaggccac	agatgaggat	300
gggggtgccg	atggcctggt	tctgtattcc	cttgccacct	cttcccccta	ttttggtatt	360
aaccagacta	caggagccct	gtacctgcgg	gtggacagtc	gggcaccagg	cagcgggaaca	420
gccacctctg	ggggtggggg	ccggaccctg	cggaagcac	cacgggagct	gaggctggag	480
gtgatagcac	gggggcctct	gcctggttcc	cggagtgcc	cagtgcctgt	gaccgtggat	540
atcaccacac	ccgcactggg	cctggcacct	gacctcaacc	tgctattagt	agggggccgt	600
ggcagcctcc	ttgggagttg	tggtggtgct	tgactggca	gccctggtcc	taggacttgt	660
tcgggcccgt	agccgcaagg	ctgaggcagc	ccctggccca	atgtcacagg	cagcaccctt	720
agccagtga	tcactgcaga	aactgggccc	ggagccacct	agtcaccac	cctctgagca	780
cctctatcac	cagactcttc	ccagctatgg	tgggccagga	gctggaggac	cctacccccg	840
tggtggctcc	ttggaccctt	cacattcaag	tggccgagga	tcacagagg	ctgcagagga	900
tgatgatgc	cgcataatga	atgagttccc	ccgtgtggcc	agtgtggcct	cctctctggc	960
tgcccgtggc	cctgactcag	gcataccaga	ggatgcagat	ggtctgagtg	acacatcctg	1020
cgaaccacct	ccccctgaca	cctggtataa	gggcccgaag	gcagggtgc	tgctgccagg	1080
tgcaggagcc	actctctaca	gagaggaggg	gccccagcc	actgccacag	ccttctctgg	1140
gggctgtggc	ctgagccctg	caccacttgg	ggactatggc	ttcccagcag	atggcaagcc	1200
atgtgtggca	ggtgcgctga	cagccattgt	ggccggcgag	gaggagctcc	gtggcagcta	1260
taactgggac	tacctgctga	gctggtgccc	tcagttccaa	ccactggcca	gtgtcttcac	1320
agagatcgct	cggctcaagg	atgaagctcg	gccatgtccc	ccagctcccc	gtatcgaccc	1380
accacccctc	atcactgccc	tggcccaccc	aggagccaag	tctgtgcccc	ccaagccagc	1440
aaacacagct	gcagcccggg	ccatcttccc	accagcttct	caccgctccc	ccatcagcca	1500
tgaaggctcc	ctgtcctcag	ctgccatgtc	ccccagcttc	tcaccctctc	tgtctcctct	1560
ggctgctcgc	tcaccctgtg	tctcaccatt	tggggtggcc	cagggtccct	cagcctcagc	1620
actcagcgca	gagtctggcc	tggagccacc	tgatgacacg	gagctgcaca	tctagctgtg	1680
gcccaggctg	ggccccgacc	tgggatgcgc	acagtgtccc	caacgcaggc	cccactctga	1740
gcctgccctg	ggcagcctcg	gactatgact	ggctacgggg	aggccaccac	caggccccag	1800
ctctccaccc	tgaactcccc	agccccctca	gagtactagg	accacagaag	ccctgttgct	1860
cactgacctg	tgaccaggtc	caatgtgggg	agaaatatga	aggaggtagc	agccctgggt	1920
tctcctcagt	gagggatccc	tgcctgtcac	cagcaccttg	agatggagct	gagactttat	1980
ttattggggg	taggggggatg	gaggaggtcc	ctccaacatg	tttggacca	gtccttttgg	2040
gttcactga	caccctgccc	cctgcccctg	cccagaacca	agtgccattt	ctcactctgg	2100
agccttaata	aactgcaatt	tgtatccaga	aaaaaaaa			2139

<210> 278
 <211> 749
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(634)

<223> similar to gil65537 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 278

acacctcagt	gctgcagatt	ttgcaggagg	ggactggagc	caagccacag	actttttctct	60
gttaggagat	gggttcttgg	agtgggtgtg	gtgtctgacc	atccggggag	atggctgaag	120
ctggggatct	gggaaggctc	ccagaaggga	ggtggcctgg	ggaaccaggg	gttcagtcct	180
tccaggatgg	actggcttga	tgggtggcttt	tcaagctcgt	tctgttccca	gccactgggc	240
atcctgtcca	tcctggagga	ggaatgcatg	ttccccaagg	cctcagacgc	cagcttccgg	300
gccaaagtct	acgacaacca	cgcggggaag	tcaccaatt	tccagcagcc	tcggcctgac	360
aagaagcgca	agtaccaggc	ccacttcgag	gtggtccact	acgcaggcgt	ggtaggtgct	420
tgctggaacc	ccagccctcg	gccaggctcc	tcccgccctg	ctccaggtct	cccacccggg	480
ctcagcacct	gacttgtctc	tccagggtgcc	ttacagcatt	gtgggctggc	tggagaaaaa	540
caaggatccc	ctgaatgaga	ccgtgggtccc	catcttcag	aagtcacaga	ataggctcct	600
ggcgactctc	tatgagaatt	atgcgggctc	ctgctccagt	gagtatggag	ggacaagatc	660
tccactctga	caggggcccc	cagagcgaca	ttccctggag	tgaccaggcg	aatgccaccg	720
cactggacta	gtgtctacga	gttagccgc				749

<210> 279

<211> 626

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (75)...(626)

<223> similar to gi3882259 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 279

cgggacgctt	aacgttgaaa	cccttattga	tagcctatac	agtgaggagg	aattctgctg	60
agctttctga	ctttgaggaa	tgcgaggaga	cgggagagct	ctttgaggag	cctgcccccc	120
aagccctggc	cacgagggcc	ctcccctgcc	ctgcacacgt	ggtatttcgc	tatcaggcag	180
ggcgtgagga	tgagctgaca	atcacggagg	gtgagtggct	ggaggtcata	gaggagggag	240
atgctgacga	atgggtcaag	gctcggaacc	agcacggcga	ggtaggcttt	gtccctgagc	300
gatatctcaa	cttcccggac	ctctccctcc	cagagagcag	ccaagacagt	gacaatccct	360
gcggggcaga	gcccacagca	ttcctggcac	aggccctgta	cagctacacc	ggacagagtg	420

cagaggagct	gagcttcct	gagggggcac	tcatccgtct	gctgccccgg	gcccaaagat	480
ggagtagatg	acggcttctg	gaggggagaa	ttttggggcc	gtgttggggg	cttccccctcc	540
ctgcttggtt	ggaagaactg	ctttggcccc	ccanggaaac	ttgaactctc	tggacctga	600
acanatgctg	gcgtccccct	cttcct				626

<210> 280

<211> 1270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(633)

<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 280

aagttcggca	ctaggtggac	gcccctatcc	ctccatgctc	tcgcagcccc	actgatggac	60
ggttggtgaa	ccactcccgg	gcctcatggt	tacaaagaga	ccgagagccc	atcgccagg	120
gtcacaggga	tggcaggtgg	cagagaggac	acaaatgagt	ctgcaaccct	caatgtctga	180
aactcaatag	ctggaagacg	gataccccc	gcccctgccc	ctccccgagg	tcccacctat	240
ccacctatgt	taccggggga	ggggagaagt	catagctgga	actctggggg	tttcccagaa	300
ccagccctgc	tgactgcgaa	cagcgtccca	gcatggagag	gctgagaaca	gtacgtaccc	360
taagacctgg	aaaagattgg	ggcacaaatc	cacgctcggc	acagccatca	cacacggcca	420
caccagaga	gccacccatg	gcctgggaag	cagggctgcc	acccgcacct	ccctgggctg	480
cccagatgag	ggcgggtgaa	cagaagggca	gcccagggcc	atgtgtcagg	attcgggcca	540
cctgcccagg	cagcccagag	ctccacccac	cacccccccac	cctcaactgc	acagcagggt	600
ccctcagcag	ccccctgctg	cacacggacc	aatgacctac	acactgagcc	ggggctcatg	660
ccaactgaaa	attgggaccc	ggcccagtct	gccggtttag	ttgctgagat	gatgtgggga	720
gcgggacaga	gcacgtggat	gcagagaggc	agagctgcca	gatgggcatg	tccccaagac	780
aacagcttcc	ttgggatcag	agcgcccggg	acagcacacc	agccaaggga	agcgtgtcag	840
ctccaaaagc	gggcctcggg	cgttttgggc	gactggctgc	caggcttagg	tcaggagctg	900
ggtacatgca	cagacaaggg	acgaaggaac	agcagccagg	aaggggtcca	aatccataca	960
ggaatgtact	ttgtgagaaa	ggtgggattt	cacagctgta	agcaaaagac	aggtgctctc	1020
gacaggtggg	gctgagaaga	aaactgagcc	aagatctaaa	aaaaaaatta	catcagctcc	1080
atcccacat	gttacataat	aacatgctcc	agctggatca	aagcttcaac	catggaaaca	1140
agcaagcagt	caaggagaag	ccagaagaaa	agctctggag	gccgggcacg	gtggctcatg	1200
cctggaatcc	cagcactttg	ggacagggtc	ttgctctctc	accaaggctg	gagtatagtg	1260
gcccgatcat						1270

<210> 281

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(457)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (456)...()
 <223> similar to gi3043708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 281
 cgcgccgttc cataagaaac catcgantga gggcgtagca acnaccagga gctgttnctg 60
 tatttttagg agacacggat gtgctgcctc cgttccatct ctgaaggagt ttcagaagcc 120
 tgagcagccc actccaagga aaagccccta tgggtccccct cccactggcc tgtttgatga 180
 tgatgatggt gatgatgata acgacttttt ctcgacaccc cacagcatac cttccaaaac 240
 aggcaaagtc caatccactg ctgatatctt tggatgatgaa gaaggagatc tgttcaaaga 300
 aaaagccgta gcatcgccag aagccacggt taccttacct tccagcaaaa atctcaagcc 360
 ctgctcagaa acaaacactc agaaaggctt attttaggat caggaggact ctgaggattt 420
 gttttcttct caaagtgcga gtaacttaaa aggtgc 456

<210> 282
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(1427)
 <223> similar to gi3273699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 282
 attgtagaca ttagtcagtg cgggtggaatt ctcagcccca cgtggaggcc ctggaggaag 60
 ccctgggtca gatccacata ataaacagtg ccctccagaa gcgagtggag gcagtggcag 120
 ctgatgtccg gacattctcg gagggctaca ttaaggccat tgaggagcat cgggacaagc 180
 tgctgaagca gctggaagac atacgggccc agaaggaaaa ttccctgcag ctgcagaagg 240
 cccagctgga acagtactg gcagacatgc ggactggagt ggagttcacc gagcacttgc 300
 tgaccagcgg ctcagacttg gagatcctca tcaccaagag ggtgggtgga gaacggctca 360
 ggaagctgaa caaagttcaa tatagcaccg gtcctggagt aaatgataag atacgcttct 420
 gtccctcagga gaaagcaggc cagtgcctg gctatgaaat ttatggtacg attaatacca 480
 aagaggttga tccagccaaa tgtgtcctac aaggagaaga cctccacaga gcccgggaga 540
 aacagacggc ctctttcacc ctgctttgta aggatgccgc aggagaaatc atgggcaggg 600
 gaggagacaa cgttcaagtt gccgttgctc cttaaagataa gaaagacagc ccagtcagaa 660
 caatggtcca ggataacaag gatgggacat actacatttc ctacaccccc aaggaacctg 720
 gcgtctatac tgtgtgggtc tgcacaaag aacagcatgt gcagggtctg ccatttactg 780
 tgatggtgag gagaaagcac cgcccacact caggcgtgtt tcaactgctgc accttctgct 840
 ccagcggggg ccagaaaacc gtcgctgctg cctgtggagg caccatgcca ggtgggtacc 900

taggctgtgg	ccatggacac	aaaggccacc	caggtcatcc	ccactggtca	tgctgtggaa	960
aatttaatga	gaaatctgaa	tgcacatgga	caggtgggca	gagcgcaccg	aggagtctac	1020
ttaggactgt	ggctctctga	tggtttgtg	ctcagccttt	taaagctgca	ggcagcacca	1080
cttgagattt	ccagaggacc	cagaccttcg	ttcattctaa	agagactgat	agaattaaaa	1140
acaaagtgcc	ttatcttgca	ctggagttca	agtgtctctt	tgttattcac	tgattgtact	1200
tgtggatggt	tgagcacaaa	aaaccacctc	tacatttctc	ttaaaggtag	gttggcaacg	1260
ttctttttct	accacaggat	actccttttc	attttgtaca	gtatggaggt	atctattcca	1320
ttggaactga	aggttctagg	tagtttagtt	cctttctgat	ataacccttt	ttttttcttt	1380
gttttttttt	ttaaaggaca	gagtctaatt	tgtgtccccg	ggtggggg		1427

<210> 283

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(464)

<223> similar to gi5817151 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 283

ccccctttga	gaccatttga	cagcgctgtg	gaattcgttg	ggaacacgcc	cacacgctgg	60
cgatgaaatg	catgagacca	gaagatgtgt	cagtgtctata	catcactcag	gcccaggaaa	120
tggaagaagca	gggcaagtac	cgtgaggctg	aaagggtgagc	cgtggcccca	gaggaggtgt	180
agagggagat	gagatttcaa	ggctgggacg	agggatgggg	tctgaggatg	tgtaccctct	240
gcccagaagg	cagtgatagc	aggggtcggg	tctaggaggc	cccagatgta	tctccttccc	300
caggctatat	gtgacagtac	aagagcctga	tcttgccatc	accatgtaca	aaaagcacia	360
gttgatgat	gacatgatcc	gcctggtagg	gaagcaccat	ccagatctcc	tcagtgatac	420
acacctacat	ctgggcaagg	agctggaggc	tgaaggccga	ct		462

<210> 284

<211> 844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(844)

<223> similar to gi915207 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 284

gcgcccagtt	gcccgggcac	caaatcggag	cgcggcgtgc	ggtagggccc	agagcaggac	60
tggaaatgtc	ctggccgcgc	gcctcctgct	cagatacctg	ttcccggccc	tcctgcttca	120
cgggctggga	gagggttctg	ccctccttca	tccagacagc	aggtctcatc	ctaggtcctt	180
agagaaaagt	gcctggaggg	cttttaagga	gtcacagtgc	catcacatgc	tcaaacatct	240
ccacaatggg	gcaaggatca	cagtgcagat	gccacctaca	atcgagggcc	actgggtctc	300
cacaggctgt	gaagtaagg	caggcccaga	gttcatcaca	aggtcctaca	gattctacca	360
caataacacc	ttcaaggcct	accaatttta	ttatggcagc	aaccggtgca	caaatccac	420
ttatactctc	atcatccggg	gcaagatccg	cctccgccag	gcctcctgga	tcacccgagg	480
gggcacggaa	gccgactacc	agctgcacaa	cgtccagggtg	atctgccaca	cagaggcggt	540
ggccgagaag	ctcgccagc	aggtgaaccg	cacatgcccg	ggcttcctcg	cagacggggg	600
tccctgggtg	caggacgtgg	cctatgacct	ctggcgagag	gagaacggct	gtgagtgcac	660
caaggccgtg	aactttgcc	tgcatagaact	tcagctcatc	cgggtggaga	agcagtacct	720
tcaccacaac	ctcgaccacc	tggtcgagga	gctcttcctt	ggtgacattc	acactgatgc	780
caccagagg	atgttctacc	ggccctccag	ttaccagccc	cctctgcaga	atgccaaagt	840
tggg						844

<210> 285

<211> 426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(416)

<223> similar to gi2072967 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 285

gaaaagataa	ttacaggcac	aaatgtcctt	gattaacaaa	aatcctcaac	agactactag	60
cacatcaaat	tcgacagtac	tttaaaagga	ccatacagca	tgactaggac	aatacatcat	120
gtaccacaca	tcattgggatt	catcttttggg	gtgcaaggat	ggcatgacat	gtgaatcaat	180
taatgtgaaa	cattacatta	acagaatgaa	gaataaaaaat	cacatgatca	ttttaatgat	240
gcagaaaaag	cgtttgacaa	aacgtaatag	tctttcagta	taaaaactca	aaaaactaga	300
ggtaaaagga	atttacctct	acataataaa	ggtcacatat	gataaaactcc	cagctcgcat	360
tatagcagat	gattaaaaaa	ctgaaagttt	tcctctaaga	ttaggaaaaa	gatgaagagt	420
ctcccc						426

<210> 286

<211> 1693

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1694)

<223> n = a,t,c or g

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<220>
<221> misc_feature
<222> (1)...(1693)
<223> similar to gi2078441 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 286
atggatcaga tctctgaaag caaccaccta attcatctta gtagcactaa taatgtaaaa      60
ctcctatctg agatagagtt ccttgtgaac cacatggact tggccaaagg tcatataaag      120
gcccttcagg aaggagatct tgcttcttcc agaggcattg aggcctgcac caatgctgct      180
gatgcccttc tgcagagcat gaatgtagct cttcgaccag gccatgactt gcttctggca      240
gtcaaacagc aacagcagcg attcagtgat ttgcgagagc tttttgcccg gagactggcc      300
agtcacctca acaatgtttt tgttcaacag ggtcatgata agagtctgac tcttgcccaa      360
cactctgttg aactgacttt acccaatcat catccatttc atagagattt gctccgatat      420
gccaaagctga tggagtggct aaagagtaca gattatggaa aatatgaagg actaacaagg      480
aattacatgg attatttatc ccgactatat gaaagagaaa tcaaagattt ctttgaagtt      540
gcaaagatca agatgactgg cacaactaaa gaaagcaaga agtttggctc tcatgggaag      600
tcgggggaaat taactggatc tacttctagt ctaaataagc tcagtgttca gagttcaggg      660
aatcgcatcag ctcatgcatc ttccctgttg gatatgggaa acatgtctgc ctctgatctc      720
gatgttgctg acaggaccaa atttgataag atctttgaac aggtactaag tgaactggag      780
cccctatgtc tggcagaaca ggacttcata agtaaatttt tcaaactaca gcaacatcaa      840
agtatgcctg gaactatggc tgaagcagag gacctggatg gaggaacatt atcacggcca      900
ncataattgt tgggcacacc actgcctgtt tcactctgaga aagatatgat ccgccaaatg      960
atgattaaaa tatttcgctg cattgagcca gagctgaaca acctaattgc attaggagac     1020
aaaattgata gctttaactc tctttatatg ttagtcaaaa tgagtcatca tgtgtggact     1080
gcaacaaaat gtggacctg cttctttcct aagtactaca ttgggaaatg ttttggtgac     1140
tgtcaaaaag aactttgaca aatgcattag taaccaaata aggcaaaatg aagaagtata     1200
gatctcaaaa aagagtaaaag ttggaattct tccatttggt gctgaatttg aagaatttgc     1260
tggacttgca gaatcaatct tcaaaaatgc tgagcgtcgt ggagacctgg ataaagcata     1320
caccaaactt atcagaggag tatttggttaa tgtggagaaa gtagcaaatg aaagccagaa     1380
gacccccagg gatgtggtta tgatggaaaa ctttcaccat atttttgcaa ctctttctcg     1440
attgaaaatc tcatgtctag aagcagaaaa aaaaaaagcc aaacaaaaat acacagatca     1500
ccttcagtct tatgtcattt actctttagg acaacctctt gaaaaactaa atcatttctt     1560
tgaagggtgt gaagctcgcg tggcacaggg cataagggag ngaggaagta agttaccaac     1620
ttgcatttaa acaaaacaaga acttcgtaaa gtcattaagg agtaccctgg aaaggaagta     1680
naaaaagggt cta                                     1693

```

```

<210> 287
<211> 1927
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (99)...(1379)
<223> similar to gi1572721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 287
cacggcaaga aaataatata cgaggggtcc cttcactgct gaagagcttc ctccaggagc      60
gactgggaat ccacttaatt cgaaggaaga tagtaaagcc taagcatcat gttttgatgt      120
ctcggaagga atcatggaag gtgaaaagcg aaatcccaaa ggtgccgaag cagcctctgg      180
tgctccatca cccgcgcatg acgacaacca agtctccctc aaaggatatg ctagagccag      240
aggcagagct ggctgaagat ctgcccacta ccaaaagcac ttctgtggag tcagagatgc      300
ccactgagaa cctggaaggc cattccccgt cttgccggac cttcgtgccca ctgcctccca      360
tctgtctcaa ctccactgtg catagtgaag agaccctgtc ccacctgagt gacacaactg      420
tccgcctcag cccagagcgc ccatacagatg aggactccaa gagcacagag tccatcttcc      480
tgaccaggtg gagtgaactg ccttctctcg tcatccataa ggatgattta gagttaaagg      540
agaaaagaca aaagaaacca ccaacggcac ccagagaggt gaaagggact cggaggaaac      600
tcccaactgc cttccttccc gcaaggtacc acggctatga agaactgctg acagccaagc      660
ctgatccagc cttcattgag ccaaagggaa tccagaagaa tgcacaagcc ctgcaacaaa      720
tgctgaagca cccactcctg tgccactcct ccaagcccaa gctggacact cttcagaaac      780
cctatgttca caaagagaaa cgggccca gaatcccgat tccaccccca aagaagacta      840
gagcccaact tctggatgac atcttcattc gcttgccgga tccccggaac attacagagg      900
ctccactagg tgctgtcctg caccagtggg cagaacggcg gctggtgaac cacaagcagt      960
acctggaggc caagaggctg ttgaaggagt tccaggcacg ttaccggcag ctggtgagtg     1020
gctctctgcg cacagtgttc gggactacct cgctcccat ggctgcccc gctgtgagtg     1080
agagccagcc caagtctggc cacttctctg agttcatgga tgagttctgc caggagccca     1140
cagccagtga ctcacaaggc tagagctgtg catgggggct gtgtgcacca cccggcctgt     1200
gccccagctc tccccgaggg ctctgtgccc tggaccgcac ctcaagggtg accagccggc     1260
cacaggcctc agagctcagc tgggccccac ttgctggcca caagggtgca tccccctgtc     1320
aggatctccc ctcttggcc caggcatgac ctggtgcctg gccagcggc aataaagagt     1380
gggtgcacag ggcaatagac tgggtgccac atgcattctt tcttgggaac caggccacag     1440
cagcattgtc acacttccct ctaaaaatgg ttttccagtt cagatgcaac agggatacat     1500
ttgttctctg ttgtatgaga aactgacacc aaggggatct taacaaattc ctgaacaatg     1560
gctccaaaaa agggtatatt taaaaaccag atctgtgag tacagcccta atgtgcaggg     1620
acatgtatcat cctgatatatt cgttctttac tcagactctt tcttgggttc ttcattagga     1680
gcatgaatgg ttgaaatgtga acatgacagt aaattggagc aaactgtaaa ctggacataa     1740
cttatgccaa aagacgtagt tgtacacat ggaaccacca tccctgctcc taatctctac     1800
tgccattctg aatgccaaag caagacatcc aacatggggc atctcccaga gcacatacag     1860
caccaaaaat ccacacacag cctaagctta acccatgttt ttgtcttgag attgttcacc     1920
agagaca                                           1927

```

```

<210> 288
<211> 1125
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (137)...(1109)
<223> similar to gi2894106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 288
aaacacacgc gtcggggccg ctgcgtcttc atcgattccc gacgcctgcy gagctgagag      60

```

caatgaggcc	aattcgaagt	ggttggatgc	gcactacgac	ccaatggcca	atatccacac	120
cttttctgcc	tgcctagctg	gtggtagggg	accttggccc	tggtgggcag	cagccccgcc	180
tgaagggtgct	caaaggacca	ctggtgatga	ccgaaagccc	gctacctgct	ctgccagctg	240
ctgctgccac	cttcctcatg	gagcaacatg	agccccggac	cccagctctg	gcacttgctt	300
caggcccttg	tgtctatgtg	tataagaatc	tcagacccta	cttcaagttc	agcctgcccc	360
aattgcctcc	aaatcctctg	gaacaagacc	tttggaaacca	ggccaaagag	gaccgaatcg	420
accccttaac	cctgaaggag	atgctggaga	gcacccggga	gacggcagag	gagcctttgt	480
ccatccagtc	actcaggttt	ctgcagctgg	agctaagtga	aatggaggca	tttgtaaacc	540
aacacaagtc	caactccatc	aagcggcaga	cagtcatcac	caccatgacc	accttgaaga	600
agaacctggc	tgacgaggat	gctgtgtctt	gcctgggtgct	gggcaccgag	aacaaggagc	660
tcctggtgct	tgacccccgag	gccttcacca	ttttagccaa	gatgagcctt	cccagcgtcc	720
ccgtcttcct	agaggtttct	ggccagtttg	atgttgagtt	ccggcttgcc	gcggcctgcc	780
gcaatggaaa	catctatatt	ctgagaagag	actccaagca	ccccaagtac	tgcatcgagc	840
tgagcgccca	gcctgtggga	cttatccggg	tacacaaggt	cctagtgttg	ggcagcacc	900
aagacagcct	gcattggcttc	acccacaagg	ggaagaagct	gtggacagtg	cagatgcccc	960
cagccatcct	gaccatgaac	ctcctggagc	agcattcccc	gggcctgcag	gccgtcatgg	1020
ctgggctggc	caatggagag	gtccgcattt	atcgtgacaa	ggcctgctc	aatgtcatcc	1080
acaccccgga	tgcagtgacc	agcctttgct	ttggccggta	cggcg		1125

<210> 289

<211> 654

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(635)

<223> similar to gi3599478 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 289

cggcccatgc	tgctggtgct	gcgcaacatc	aacaccgtgc	gcgctatcaa	cgtggccctc	60
ggcgcccccg	tggaccgcta	cttccttatg	gctaaaaggg	ctgtccgggg	ctggagccgc	120
ctggcggggc	ccacgtatcg	gggtgtctac	ggcaccagcc	tcctgcgcc	cgccaaggtc	180
gtctgggaga	tgctcaagtt	tgaagtggcg	ctcaggctgg	agaccttggc	catgcggctg	240
accgccctcc	tggctcgtgc	tctggtccac	ctgagcctcg	tgccccagc	ggaggagctc	300
taccagtacc	tggagacct	gggtgcagcc	gcccagggcc	agcagggccc	ttttcacctt	360
gggctgacgg	aggtggcggg	gctagagggt	tagacacccc	gagccccgtg	ggcactcgca	420
ctggggggct	gtgacagcag	ctggggcagg	aggccgtgta	atgaccacac	actcctctca	480
agcaaaaaaa	aaaaaagggg	gggccctttt	aagggaacca	attttaatta	ccggggggtg	540
gaaaggtaaa	atTTTTTTT	tggggcccc	aaatttaaatt	ccggggccgg	ggtttaaaaa	600
cggggggggg	ggaaaaaccc	gggggttccc	caatttaaacc	ccctttggaa	aaaa	654

<210> 290

<211> 1242

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (129)...(1181)

<223> similar to gi179339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 290

caccacctgt	ggcttcatcc	agccctcctc	ctctatcttt	atctgccata	ggccgcagcc	60
ctggccccct	gtggattgag	gtcccaagtg	gtccagctgt	ggggtttggg	gctgggaccc	120
tcaatggcag	ccggaaggtc	cctctgaggc	agaagctcaa	gccccatggg	gacagtggct	180
ccccagtgcc	tggccctgag	ccattttctgc	tgtttcaggt	gccacatca	ccctcatttc	240
ctcctgcag	tagecctgca	ccgtggccag	aaacccatcc	acaggcaggc	agtggctggg	300
gtccgggtgc	cctgggctgt	tgggctctgc	ttcctccctc	tgctccccca	tgtctccctg	360
agttctccca	cctttgctca	tttgtaaaat	gggcaggtca	atcttccac	cccaccgtgt	420
gggctgcccc	aaccccaa	gtgcccagg	agggggggga	acccaaggca	caggccccgc	480
ccctgcccc	aagcagcact	gggctactgg	ctgcagaag	cacctttggg	tctgcaggtc	540
atgccccctc	ctgcaggga	gggaaagctg	gtggtagagg	ctgggcacag	actgacgtcc	600
agaagaagtc	ccttggccct	gctaggggtg	caccagactt	ctctgggtcc	acaggacagc	660
cagtggcctc	ccaacttggt	tctgggcccc	cgcctgcaag	cgcaatggc	ggggagggt	720
ttagcaggct	cacataaccg	agtggcaagg	cccctgctcc	cagaggctgg	atattgaatga	780
actccggg	tggttgggga	ggtgaagctg	ccagggtgtg	acaggggctc	cccaggctcc	840
tggtccacc	agccaaggag	gtgggggcaa	gggtcagggc	aatgggggac	aatgccgctc	900
aggggtcagt	gagctcccc	gggaaaaccg	aagccagcaa	gaccaggaga	gggccacctc	960
actgggctg	cctccccac	ctcctggg	tctctgacct	cagctcctag	accctggacc	1020
cttggctggg	actcagcatt	ttccagtctt	tttcagggtg	agacagggga	gcctgggtta	1080
aactttacca	ctgtgcctg	gcccaggcat	caccaacacg	gcctccctgc	agctgcctg	1140
ccaccgacag	acccgatta	aaccacacc	tggccttggc	ctccctgct	ctatgccttg	1200
catggttttt	gcctcacttg	gaataaaatt	ccaactcctc	aa		1242

<210> 291

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(977)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (272)...(407)

<223> similar to gi4809337 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 291
gcttttgaga gggggcttct gaagcccaga gaacttcatt ggccttggac gggctcagca 60
gagaggtcgg cctgaccacc ctggaccagt atgggtgcct atcggtaaaag gccagctttt 120
ccaccagcc tgccactgtg ggggtggggcc tgcctatacc cctgccctcc cagctgttct 180
ccttgcatcc agaagcccct gcctgatgcc tggtgagaag gccatggcca aggagggctc 240
ggccctgagg ctgtgtgtgg cctgtctccc tcctctgcag ggtttcagca gcctgaggct 300
cgggccatt cgcacgctga gctctgccgt ggagcagctg aggggctgca ggggtggtcgg 360
ggtcatcgag aaggtgagtg agtggacact cgccttgcag gagggagaca gtgtatgcaa 420
tttgggtgg cggtggggag agagacatga tatgctgaaa gcaggtctgt agcagtggcc 480
cccactctc cagaggaggt gggcaggggt cagtggggag tgcgagtgca gttgtttcca 540
gcagttccca cctctcccc atccctaaca cgcattgactt tggtcctggg tcctggggag 600
gaaaatgcag ggaacgggaa gaggtgatt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnncaagca cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnngata agataacata tatcatgaaa 780
gacaataaaa taaaatatat aaagaagagg cagacaggcc ctttccacag ccctgcagct 840
cagatccaga aaacctgctc cttgggagag ttgggacaga aactgcggga ggagcgagga 900
gctatgcccc gggcacctcg ccagtcctcg aggcctgct caaacccact taaccgcttc 960
ccacagcacc tgtatt 976

```

<210> 292

<211> 825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(825)

<223> similar to gi5174770 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 292
tttttttttt cttaaagctt attttataaa gctttttcat aaaactgggt gtagttgcac 60
agctactggg agggcagccg gggacacctg agccgcccgc tgtgccaga tccctcaggc 120
tgctgccat cagaactgct gcccggggct tcccctacct cagacagacc ctccctggga 180
ggatcagtgg ggagtgccac ctctgcccc agtggctgtg gcacgtggca ggggcccctg 240
aagctcagcg agggtcaggg cctgggaggg tatcattgct ggaagaacag gatggggctc 300
aggccagccc tagtcgccgg ggcccacact aacccccac ttatgaattc ctcccactcc 360
caactcacag gggatttccc gagaggggac ctgccaaaga cctcctccag gcctcccatg 420
cttcccggga agtgaagctt ctcccctct ggggcaggct ctgaagcctc ccgatgcacc 480
cagagcaacc ggggggctgc accagccact cgctcccca gcacggccag gttcccggg 540
ctggaggtcc ccccaggctc ctgggaacca acctgcagaa cacacacagg gtcccctgga 600
gaggacgagg ggacttccag ggcccgaact ctgtgagtca cagccccgca gctgctgcgc 660
cacccccacc ctgactcatg ccccttccca gcagctcctc ccaggacccc atgtccttcc 720
cacatccgca ggaagggagt gcctggactc tccaggccca cctggggagc ccctcacctg 780
accaccagcc cctgagcagc ccagtaacac catccccgga attcc 825

```

<210> 293
 <211> 1338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (54)...(1330)
 <223> similar to gi557822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 293

ttgggagtaa	agagcccgct	cgcagcctgc	atcgccgggg	ctcgggacat	aagtcacg	60
cggggaaatg	gggctctgtc	actttaagta	cagctggagc	cctgggatga	aagcagctcc	120
atcagtagtg	gactcagcga	tgccctcagac	aatctcagtt	cagaagaatt	caatgccagc	180
tcctcactca	actccctccc	aagtactccc	actgcttctc	gcaggaactc	aacaatagtg	240
ctacgcacag	actcagagaa	gcgctcactg	gcagaaagtg	ggctgagctg	gtttagttaa	300
tcagaggaga	aagcccctaa	aaaactggag	tacgacagt	gtagcctgaa	gatggaacct	360
gggacttcta	agtggcggag	ggagcggcct	gagagctgtg	atgattcatc	caagggtgga	420
gaactgaaaa	agcccatcag	cctggggccac	cctgggtccc	tgaagaagg	caagacccca	480
cctgtggctg	taacttcccc	catcactcac	acagcccaga	gtgccctcaa	agtcgcaggc	540
aaacctgagg	gcaaagctac	agacaagggt	aagcttgag	tgaagaatac	tgggctccaa	600
cgctcctcct	ctgatgctgg	tcgggaccgc	ctgagtgatg	ctaagaagcc	cccctcgggc	660
attgctcgcc	cctccacttc	gggatccttt	ggctacaaga	agcctcctcc	tgccacaggc	720
acagccactg	tcatgcaaac	tgggtggtca	gccactctca	gcaagatcca	gaagtcctca	780
ggcatccctg	tcaagccagt	aaatgggcgc	aagactagct	tagatgtttc	caacagtgca	840
gagccaggat	tcctggctcc	tggagcccgt	tctaacatcc	agtaccgag	cctgccccgg	900
ccagccaagt	caagtcttat	gagcgtgacc	ggcggggcgg	gtggacctcg	ccctgtgagc	960
agcagcattg	accccagtct	cctcagcacc	aagcaggag	gccttacgcc	ttccagactg	1020
aaggagccta	ccaaggtagc	cagtgggcgg	accactccag	cccctgtcaa	tcagacagat	1080
cgggaaaagg	agaaggccaa	agccaaggca	gtggccttgg	actcagacaa	catctccttg	1140
aagagtattg	gctccccaga	aagtactccc	aagaaccaag	caagccaccc	cacagccacc	1200
aagctggcag	agctgccacc	aaccctctc	agggccacag	cgaagagctt	tgtcaaacca	1260
ccctcactag	ccaatcttga	caaggtcaac	tccaacagtc	tggatctacc	atcatccagt	1320
gataccaccc	aatgtatt					1338

<210> 294
 <211> 1714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1715)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (252)...(1665)
 <223> similar to gi264 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 294
aggcgangnn nngnnnnnnn attgagancc ttgngnattg agcngcggtg cggancccca 60
tgcagagtgg tgcccacaaa ccccccttcc agagtcattc ctggtccacc ttgaagtccc 120
caggaaaatg acctcgtcct ccgcgggtgt gagccactag gcctgagagg acgccgggac 180
ggagctttca gagagggagg tgctcgggatg gcttgagggt caccagggtat taattaagca 240
cttgctgtgt gccaggcact ttcccacaca ggatggagcc gggccaccct cacagctcct 300
gcctgcaga cgctggcctt gtggagggag gcaggcagca ggagcagtgc tttctgggcc 360
tctgtagcca gagctggccc tgctgcagct tacgtctgcc tgcagcccag acgtcctcct 420
ggtcctcctg atgccccga cctccacgga ggacgagcat ttccagccca gccctcccca 480
tcttcacctc gcaactccct gacacactgg gagcctcctg atccgtgaac ccgcgctggc 540
gggagtagct actgaccgct ggggacccct gccaggctg ttcgcatgtg gaaaggattc 600
agggagcagg cgatgcccac agcgtggaga ccagcactgc tctctcccca gtgacagggtg 660
cacgccaga tcacggatgt gtcgggaaca gctgtgctcc tgctgtcag cgtccgtcac 720
tccaggctgg gagcgggtcc ccaagcttct ggctgggcct atccgtctcc actctcagt 780
tgggggtggg gggcgccaac agcacgcatt tgctctctgc acttctcgtc tgataatggg 840
cagaggggtcc ttctgcagcc ccaaacatc cctaggcagg agccctgggg cccaagcag 900
ccagggaggt gagcaccaag gacctcccag agagcgtcac ctcccgtcga gggaggccca 960
gcctgggggc ggtgtctgag acttggaatc aacgcttccg ttggtggcag taaatcctgt 1020
ccctaaccct gcagtatagc tgtgccgtgt acaggagggt gttgtctgac gccagacacc 1080
tggactacag atcgcagcct gattcctggt cattgtctca ctgaacccca gacccagacc 1140
tcgttctggg cctcatccc ctagatccag ggacccagc cccatttcag cccttgggcc 1200
ctttaggat gcgaggccct gggccccagc cccagccca tccgtgttcc aggactggg 1260
gggctgaggt cctctgagaa gggacacagg gcctgggggg ctctctcagc ccatcagcag 1320
gagaggactg actccagaaa aatcagcgtt tgtaccact caggctgcca agacctgtgt 1380
ccgtccttcc aagctcaacc ttccagagtc atgaggcgcc cttgccccag aatgtccac 1440
agagttcatg agggcccttg aatgtccaca gagttcatga atgaggctcc ttgcccgaa 1500
tgtccacatt tgaaacctcc caacaccgag cccatttca agtataacca ggagggaaaa 1560
tgggtgcttga aataagcatg ccacaaagga aaacctgctt tctcgaaatg ggccctggcc 1620
gcccaggccc tgacctcccc ggccaggatg gaacgttcca gagaccatt agtgccaaaag 1680
gcaaatgaaa acacaccctg tgaaaaaaaa aaaa 1714

```

<210> 295

<211> 1524

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1525)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(1335)

<223> similar to gil59714 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 295
ccccaccctt ctgggcccag gattacacac agccacgcga gggagacagc ctgccagcct 60
gctcagagca gcaccctggc ccccatggag ggcagctgcc cagaggtggc cgtcagggcc 120
cagagcttcc atctcacgtg tgcaagagccc aggctggcc ggactgggca ggagccctcc 180
agtgagcgtc cccatgctgg tcaaggggct gggctttggt cagggtcacc gtgggggagg 240
ggccgcacac aaccaccca cgctcccaca gagggagcca cgcctagggtg cccactgcgc 300
ccaagtccac gaggcagtg gctgagggg ccaactttaa tacgggcccgg cctgtctggg 360
ggtcgaggtg gccgctccct ttgtccttgt ggctttccac gggcaggggc ggtcccagcg 420
agatcgtctc ataaccaaac cagccctgtg cactgagaagt caccgatgc cccacagcct 480
ccggtcctgg ctgctgggtg ctgggggacc cgcagggcag gaggggtcccg ggtctcgag 540
ttccatgagc cccagccgcg gggaccccca tggacaaact tccggggctg cacctgccgg 600
agcagcgtct cccaagcatc ggaggtcctt tctcagcagg gctgagccct agtggacaga 660
gccgtgagtg gcaaggcggg agtcagggct ctcgagtgct tcaattcagc aagaaagccc 720
ctggcccgcc accttcaaac tggaggtggg tgtctagggg gcggaggcag aggcacagag 780
aggttcagca catgctggtc tctggggat cccccacca gcagggaagc tgaggtgcgc 840
cgggaagcca ggccaaggga gggacccctt aacggaagcc tgcaccagct aatgggagca 900
gcgaggagca agaggaagcg cggggacccc aaggtctgga ggtgtcttcc tcacagacga 960
gcgcgagcca cgcggggctg ggactgcagg ggaacagcac cagaggcgtt gggcctgggc 1020
ctcggccacc gnggagccc acaaccggca gaagctgggc tcggtcgaga gttaatccgg 1080
actgagagca ggccagtggc gcctgagtgc gttcaggctc aaggtctcca ggagacgctc 1140
tggagtccct ctgcaatgcg cctgcgtggc tgcagctctg ctcagcaccg tgcgcactgg 1200
gctccagggg acccggtcag gggctggcgg tgacccaaac tctctgtggg ccacagtccc 1260
tggggcatcc ccgtgagtc cacaagacga ggccacgtta cgaagctgcc accagctccg 1320
cctgcctggg cctggccttg acagggacgt tttctgtgga ggaaacagag atgtttatga 1380
cagccaaag acccacaggc agagacctcc agagagggac gaggccacag ggtggcaag 1440
ggccagttcc ggggacttcg cactatggaa gggcacgccc agctctgggg gaggcaagtg 1500
acaaacagga agccaatggg gctg 1524

```

<210> 296

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(490)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(433)

<223> similar to gil045574 in the genepept database release 114;
Run with FASTXY 3.3t00, default parameters

<400> 296

```

ccatcctggt cgagcccaac cagacctggc ccgggcacgt ggctgtgtgg caggacacgt 60
gctccatcgt ggccatcttg ctaacatcac gcagaagggt caccctgcga tctgatctct 120
caccagctac cctttgactg caccaggct ctggccgtac ccaagcccat aggtgggggtg 180

```

gtggtctttg	tcgtcagctc	gctgttatac	ctgaaccaga	gcattcccc	gtacgggtgtg	240
gctctcagca	gcctcaccac	aggcaccgca	gctttccgc	tgtgcacca	gctgggtgtg	300
tgaatcacc	tggactgcgc	ccaggccacc	ttcatctccc	atgacaagat	ggcatctcc	360
ctcaagggca	gtcagatcta	catgctgacc	ctcatcaccg	atggcatgcg	tagcgtccga	420
gtgttccact	tttagaattc	cncacactg	cctagaggtc	tcgatggggn	tctatnncgg	480
gggcgcgcg						489

<210> 297

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (251)...(777)

<223> similar to gi409219 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 297

agggtacaga	gggcaagggg	agctaacggt	gctcaagccc	acaccctaca	tcctcacatc	60
aacccctga	aggagtgtcc	agcacagtcc	acagcctccc	tgggcgattc	tgggttcctg	120
gctgggccac	ccagagccag	gactgggctc	cagggtgcagc	caagggtgctg	tccttgctc	180
gatgtcccc	attatcttcc	ccagactaca	acacgggtgca	gactgtgggc	atgactctgg	240
caaccatctt	gttctgtctg	ggtatcctca	tcgtcatcag	caagaagggtg	aagtgcagga	300
aggcggactc	cagcccaacc	tgcaaatect	gtaagtctga	gcttccctct	tcagcccctg	360
gtggcgccg	cgtgtaacac	cttcccagag	aaactccgct	gccgaccctg	cctgagcgcg	420
ggagcctgag	gaccgggtgg	aggcgggtgg	gacccagccg	cgcgccggga	gcgctccccg	480
gaatgagccg	ccccaccac	cccaaggctg	gagccgctgc	accctgctgt	ccctctccag	540
gccttggcaa	tgacgatccc	ccaaagagcc	cgtctgcacc	ccagacccag	ggcctcaggc	600
ctccagctcc	tgggatccgg	gagtccatcc	cggcccagca	ccccagcat	ccccgtgtat	660
ggccccctg	cacctccttg	tctcatcccc	gaagatccgt	ccccctggcc	cctcagtgtc	720
catgtcttga	gcttaataaa	tgtgcatttg	gttttttct	ttgaaaaaaa	aaaaaaa	777

<210> 298

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(416)

<223> similar to gi5834784 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 298
cctgggtggg gacgatcctg ccaaaagggg ggtgcccagg gtctggactg aagaagctgg      60
atgatgtcctt cccaagattg ccggggccac gagtcaggaa tcgtcatgga gagaagccaa     120
ggaaatagct ccagccgccg aggaccacac tctccgctca gccctctcga ctcatcctcc     180
ggctgcagta gagggcgagc gggctccgct tttgttcctt ggggctggca ggtccgtgtg     240
gggccagggc gcgcgggaga cgccgcggag ctgggtatcc cggagagggg atgctcactc     300
ctagcggctc cgctggcagc agtagtggcg gtggcagcag aggcagcggg agcaacagca     360
gcagtagcag cagcagcagc agtagagata gtgccggctc tctgcaggcc acgaattgc     419

```

```

<210> 299
<211> 478
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2)...(445)
<223> similar to gil698455 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 299
tcctgaaaca tttcttcaaa gaattacaga gaattgtaat ggagatgaaa tatggcttta      60
ccagtgtgat cctaaagaca aagcagagtg aaagtgatgc ctaccaagaa acggagtggc     120
tccagtcaaa gcaaaagcag accagtcaag agcaaaggtc atagcaacag tttttttttg     180
aatgctcagg gcattttgct tgctgacttt ctttaggacc aaagaatgaa aacatctgct     240
tattacaaga gtgttttgag aaagttagct aagatgtagc agagtaactc ctgggaaagc     300
ttccccagag attcctccac cataatactt ctactccttc ctctcatcag acgagggcaa     360
tttttcgaga gtttcaatgg gaaatggtta ggtatccacc ttacagtccct gattgggccc     420
cttctgactt ctttttattt tatgagacag ncttgctctg gtgcccgggc tggagagc      478

```

```

<210> 300
<211> 1218
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1212)...(277)
<223> similar to gi4960163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 300
gggatcaatg gagcccagga cttttgaggc cagcctgggc aacatagcaa gatcccatct 60
ctacaaaaga atagaaaaat tagccccagg agtatagctc aggggtagag catttgactg 120
caaaaattag ccaggcgtgg agatgtgtgc ctctagcccc agctactcat gaggctgagg 180
caggaggact gtttgagcct gggagggtgga ggctgcagtg aactgtgatt gcagtccagc 240
ctggatgaca cattgagacc ctgtctctaa aaaagaagga agcccagcgt tcccttctct 300
ctccacttcc tgtccccatt gctgtccctg gagtacgggc agcacagggtg aaggcgaggg 360
ggacagacag acagcctgcc cctccgtctc ccgtggccct gcagcccacc ctatctgctc 420
caggttctga agaaggcctt ccaggccacg ctccagggtggc tctgagctc acccaagacc 480
cccggctgct ctgatctcgg cccctcctc ccgcagttcc tcagagagct gttccctgtg 540
ctgcagaaac gcctgtgcca cccctgctgg gaggtgaggg actccgccct cgagttcctg 600
accagctga gcaggcactg gggaggacag gctgacttca gatgcgact cttggcttca 660
gaggtgcctc agctggccct gcagctcctc caggaccctg agagttatgt ccgagcgagt 720
gcagtgaccg ccatggggca gctgtccagc cagggcctgc acgccccac cagccctgag 780
catgcagagg cccggcagag cctgttcctg gagctcctgc acatcctctc cgtagactcg 840
gagggcttcc cacggcgggc ggtcatgcaa gtcttactg agtggctgcg ggacggccac 900
gccgacgcgg cccaggacac ggagcagttc gtggccactg tctgagaggc ggcgagccgg 960
gacctggact gggagggtccg cgcccagggc ctggagctgg cctcgtgtt cctgggcccag 1020
actttggggc cgccgcgtac ccaactgccc tatgccgtgg ccctaccga ggtggcccca 1080
gcccagccac tcaccgaggc actgagggtc ctctgccacg tggggctctt tgacttcgcc 1140
ttttgtgctt tgtttgactg cgaccgccct gtggcgcaaa agtctgtgac ctgcttctct 1200
cctgagggac aagattgt 1218

```

```

<210> 301
<211> 1087
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1088)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1087)...(270)
<223> similar to gi3044086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 301
ttttttttta gcaatatata tatataattt atttacattc acgcccgata aaaccctat 60
gtgccccggc ggccggcaaa ggctgtgtac ataaggccaa gagtaagtgc gtgaatgcac 120
ttaagacaaa gtcaaggaca cgagcttcac atgacaggcc ccgcgtgggc gaccagcca 180
gacctggggg acgggcacgc cacgccacac acacactcac cactgtacag cctgggactc 240
ccattgcata ttcacaggcc ccgcccggca gggcacctca aggctggggg aggggcaggg 300
gcagggagga gccgtggggt gtccctgggt ggggtggagag ggcagcatgt gagaggcaaa 360

```


tgtgcaccaa	cactgggctg	gagacgtgag	cagcctcagg	tgtacggcat	gagatgtgtg	420
tggttggggg	gtgtctgctg	gacccgggag	gggggtgtgt	gtgagatgag	cacacgaggc	480
atgctgggca	cgtgctcgtg	tgggtgtcgt	gtgcctgaat	ccaggggcta	ccccctgtcc	540
ggctgtggcc	ctcgggtcctg	caggcttgga	gcagggcccc	tcagacgtgc	ccctacccag	600
caggcacaga	aatgtttgca	taagggtccag	ctcaggcagg	agctctgggg	ccctggccca	660
ggcccagtgt	gtgcgtgcat	ggccgtgtgt	atgcggggcc	cctggagagg	gacgggagga	720
gaggtagcat	cacacgcaca	tacacataca	cagatgggct	gggcctggcc	caggctccag	780
gcactgtccc	tcctgggccc	tggggccgag	tgtgagtggc	agtgccagcc	tggctaggca	840
ggccatggag	aggtgggagt	tcgggcaggg	tctgaaggac	cagcattaag	ggacagcttc	900
ggccgggagg	gggcctgtcc	gagcagctct	ccccggtgtg	gggaaggggc	cctgtccggc	960
ttctgcctgt	ccttgggtggg	tgccaaagct	ggtgagagtg	taggtgtcgg	gcctggccgg	1020
cctcagcgct	cagtgacttc	nccnctcggc	ctaggggtcta	cgattctcaa	ttnnnnnggg	1080
cgggggg						1087

<210> 302

<211> 1243

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1244)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1243)...(55)

<223> similar to gi57829 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 302

agcgggccg	cgggggcccc	ccccccagga	aagcctccag	ctcatcgga	gccgtcctct	60
ccctgctg	cgggggccgc	tgctgcgccc	gtcgcgctc	ctccttgccc	tcctccttgt	120
ccttgctctt	cttgtgtttg	ctcttcttct	tggcagcttt	ttcttcttcc	tctttgcctt	180
ttttcttctt	cttcttattc	tccttagagg	gggttttgcc	ctccttacct	tcctcactgc	240
tctccttggg	tccggcctcc	tccagcccca	gcccgaagag	gtccgagtca	ttcttcagtc	300
tgaaggcggg	aagagggagc	ttgggggggtg	ggggcggtc	ggcagggccc	tcctcctcgt	360
cagtcacatc	ggaggggtca	tctcgcacgg	gaaagtcac	cgccctgcgc	tgtgtgtctg	420
atccctcgct	ctcaaagtcg	gggtcatcca	tgacgaagga	cagcatttgt	gcagcaatgg	480
gtccctcggg	gtcactctcc	gacgaggagg	cctgtctacc	cttccccggc	tccatctcag	540
cagggggcct	ggtgctgctg	cgcttctccg	gacctgtgcg	aacagagaca	ccgcctggcc	600
aggggggtgc	tgcggtcctc	gtgggagctg	tccccctccg	tggcttcgaa	gctgggtatg	660
aggaccactt	ggtctctggc	tctgagcact	gctggggagc	tggggcaggg	ccttttgttg	720
gagctgccac	ttctgcttcc	tcctcactcg	aaagagtgat	gtcttgactg	gggacggggc	780
ctgcaggcag	cgggggactc	ccacgtggct	ggtcttcgag	gtccacatcg	tcctggaacc	840
ctgccaccat	cggttgccg	cccagggcct	ccccatcact	gtcgtgtccc	tgctgggcag	900
ccttgccccc	caccttcttc	tcgtccctgg	cggggggtgt	gtcttccagg	aagctgcggt	960
ccaggcggtc	gtcaggaaca	aagtcctcca	cactctggac	cgttgctggg	ccctgtgcgg	1020
ccgggactgg	ctctggaggt	ggaggggctg	cctcggtggc	aggtgacgtc	ccaaacagcc	1080
tagagatgat	gctgcgccgt	ggggcggggg	ctgaggggca	cgcaggtggg	gacagggcct	1140

```

ctgaggggtgg tacagggggc acagaggatg gtggggcagc gaattccncc gcncctgggct 1200
atggtctcga gggtttcaat nnnnngnnnt cttctcgaac gcc 1243

```

```

<210> 303
<211> 1090
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(1090)
<223> similar to gi2047346 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 303
gcggccgcgg agggaggtgcg gcccgaaggg gaggaggtgc ccgctcaccg cagaccgccc 60
gcggcagagg ccgccccggg cgcgccgcgg cgggagcggc cgggtggaggc tgcgcggccc 120
agggggaggg ccgggggagc ggacgtcgcc tctgctggtc tcccacctcc cgcgcgcccc 180
cgcccgcagg ctcccgaagc ttagtcggcg ccgagcatcc cgtgcccccg gacctccccg 240
cgggcgcgca ccaggctcaa ctccaggtca ggactgcagg tagacatctc cactgcccag 300
gaatcactga gcgtgcagac agcacagcct cctctgaagg ccggccatac cagagtccctg 360
cctcggcatt ggccctacca ttgaggcagc tccactgtct gtgctgggtc gaggggtgctg 420
cctgtcatgg gggcagccat ctcccagggg gccctcatcg ccatcgtctg caacgggtctc 480
gtgggcttct tgtgtgtgct gctctgggtc atcctctgct gggcctgcca ttctcgctct 540
ggcgacgttg actctctctc tgaatccagt cccaactcca gccctggccc ctgtcctgag 600
aaggccccac caccacagaa gccagccat gaaggcagct acctgctgca gccctgaagg 660
cccctggcct agcctggagc ccaggaccta agtccacctc acctagagcc tgggaattagg 720
atcccagagt tcagccagcc tgggggtccag aactcaagag tccgcctgct tggagctgga 780
cccagcggcc cagagtctag ccagcttggc tccaatagga gctcagtggc cctaaggaga 840
tgggcctggg gtgggggctt atgagttggt gctagagcca gggccatctg gactatgctc 900
catcccaagg gccaagggtc aggggcccgg tccactcttt ccctaggctg agcacctcta 960
ggccctctag gttggggaag caaactggaa cccatggcaa taataggagg gtgtccaggc 1020
tgggccccct ccctggtcct ccagtggtt gctggataat aaatggaact atggtcttag 1080
aaaaaaaaaa 1090

```

```

<210> 304
<211> 1041
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1042)
<223> n = a,t,c or g

```

```

<220>

```

<221> misc_feature
 <222> (87)...(1041)
 <223> similar to gi2317964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 304

tttttttttt	ttttctgtag	tacgcgtttt	atttagaacg	ccatcctttg	gcgagtaggg	60
gggtatgttg	gaggcgtttt	gcagcgcttc	ctgcctggga	gccaggcgat	ccgccagggt	120
ctgggaggac	ctaagggtcaa	cagccacgcc	tgctctctgg	gctcacagtc	agcagccgct	180
accaggagag	caagtcctca	gaaggccccg	gaccagggcc	cgggagcgcc	cacaaggacg	240
ggaggtcacc	cagtgacaaa	cagggaaagg	cagcaggtgc	gcccaggaac	ccagaggctc	300
ccagagcaga	agtgggatgc	aggggtgggg	gcgggtcatg	ctgaggttca	acagggacct	360
gcttctgtgt	tcaacagggg	gctggccaga	gagagggatc	tgctgaggct	tctgtttaaa	420
aaccctggcc	tgggtgtggg	tgcaagtgga	tttgacagtg	cagtgaggca	gcggccggag	480
caggctgttg	cacgaagacc	caggaaagtc	aggggtggtt	gatccaggca	gaagaggggg	540
aaatggagcc	tggggcagac	gtaaaggtgc	tggggtgagg	ataaggggtg	caaggaggag	600
gagtctgggg	tgaccaaggc	ctgcagctca	ggtgactggg	aaaaaacata	aaacagaaca	660
cagatgaatg	caggggtcgg	gacgaaggct	cctgtgagtc	tgaagtgact	gtgagtgcca	720
ccctctggcc	agccacagtg	gctctcacag	ctcattctgc	agagcaccgg	cccagtgatg	780
agccgaggaa	gtgcccttgg	aggtcagctg	gatctgcccc	gtggtctgca	cagggggcgg	840
ctgccagggg	cctgagcaca	gggaaacctt	cgaaactgtg	ggagggatga	agccagagag	900
gtagacccca	gaaccgacca	agcccagcat	ggggcggtga	gggcggccaa	gctcaagaag	960
accatgagat	tgggaattcc	gccnctctga	ganggntatc	aatnnnnngg	naggggggtc	1020
aagggggggg	gggctggggc	g				1041

<210> 305
 <211> 671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (292)...(72)
 <223> similar to gi807677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 305

gcagttttgc	agtcatttat	atctacttta	aacacatgca	gattaagggg	tgatttgtgc	60
aaaaatttct	agggaaatggg	taataacttt	tgggtcatcg	agtcaatgcc	atggaagaga	120
ggggggataa	ccccctggtg	ttgcgatggc	aacggtaaag	tgacatggca	actgatgagc	180
gtgtcttacg	gaaagctcat	tccaccccag	ccctgtttca	gctagtccct	aatttggtcc	240
agtgtccgag	ccctgcctct	ggagtcaagt	cccacctcct	acctcataaa	gagagacata	300
aatcaatgga	atagaatcga	gagtccagaa	ataaactcat	acctcgatga	tcaattgatt	360
ttcaacaacg	gtgccaagac	cattcagtg	gggaaagaat	catattttca	acaaatgggtg	420
ccagataacg	acatccaaag	gagtgcgaact	gggcccctgt	ctcacaccat	ctacagaaat	480
taagtcaaag	tgcctcaaag	actaagagct	aagactataa	cattcttaga	agaatacagg	540
gttacctctt	tatgatcttg	atttggtaat	tgatttttag	ataaactaa	aagcacaagc	600

aacaatagga aaaaaaaaaa gttaaatttaa cctcatcaaa atttaaaatt tttaggctgg 660
gtgcaggggc t 671

<210> 306
<211> 1771
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(1730)
<223> similar to gi4868443 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 306

cttggggccga	gggacgtttg	ggcaagtggg	ttagtgctgg	aaacgggggca	ccaatgagat	60
cgtagccatc	aagatcctga	agaaccaccc	atcctatgcc	cgacaagggtc	agattgaagt	120
gagcatcctg	gcccgggtga	gcacgggagag	tgccgatgac	tataacttcg	tccggggccta	180
cgaatgcttc	cagcacaaga	accacacgtg	cttgggtcttc	gagatgttgg	agcagaacct	240
ctatgacttt	ctgaagcaaa	acaagttag	ccccttgccc	ctcaaataca	tccgcccagt	300
tctccagcag	gtagccacag	ccctgatgaa	actcaaaagc	ctaggtctta	tccacgctga	360
cctcaaacca	gaaaacatca	tgctgggtgga	tccatctaga	caaccataca	gagtcaagggt	420
catcgacttt	ggttcagcca	gccacgtctc	caaggctgtg	tgctccacct	acttgcagtc	480
cagatattac	agggccctg	agatcatcct	tggtttacca	ttttgtgagg	caattgacat	540
gtggtccctg	ggctgtgtta	ttgcagaatt	gttcctgggt	tggccgttat	atccaggagc	600
ttctgagtat	gatcagattc	gtatatttca	caaacacagg	gtttgcctgc	tgaatatatta	660
ttaagcgccg	ggacaaagac	aactagggtt	ttcaaccgtg	acacggactc	accatatcct	720
ttgtggagac	tgaagacacc	agatgaccat	gaagcagaga	cagggattaa	gtcaaaagaa	780
gcaagaaagt	acattttcaa	ctgttttagat	gatatggccc	aggtgaacat	gacgacagat	840
ttggaaggga	gcgacatgtt	ggtagaaaag	gctgtccggc	gggagttcat	tgacctgttg	900
aagaagatgc	tgtccattga	ttctgtcaag	agattctctc	cagtcggatc	cctgaaccat	960
ccctttgtca	ccatgtcact	ctttctcgat	tttccccaca	gcacacacgt	caaatcatgt	1020
ttccagaaca	tggagatctg	caagcgctcg	gtgaatatgt	atgacacggt	gaaccagagc	1080
aaaacccctt	tcatcacgca	cgtggccccc	agcacgtcca	ccaacctgac	catgaccttt	1140
aacaaccagc	tgaccactgt	ccacaaccag	ccctcagcgg	catccatggc	tgcagtggcc	1200
cagcggagca	tgcccctgca	gacaggaaca	gcccagattt	gtgcccggcc	tgacctgttc	1260
cagcaagctc	tcacgtgtgt	tcccccggc	ttccaaggct	tgcaggcctc	tccctctaag	1320
cacgtgggt	actcgggtgc	aatggaaaat	gcagttccca	tcgtcactca	agccccagga	1380
gctcagcctc	ttcagatcca	accaggtctg	cttgcccagc	aggcttggcc	aagtgggacc	1440
cagcagatcc	tgcttcccc	agcatggcag	caactgactg	gagtggccac	ccacacatca	1500
gtgcagcatg	ccgccgtgat	tcccagagacc	atggcaggca	cccagcagct	ggcggactgg	1560
agaaatacgc	atgctcacgg	aagccattat	aatcccatca	tgcagcagcc	tgcactattg	1620
accggtcatg	tgaccttcc	agcagcacag	cccttaaatg	tgggtgtggc	ccacgtgatg	1680
cggcagcagc	caaccagcac	cacctcctcc	cgggaagagta	agcagcacct	gtattgcggc	1740
cgcgctagag	tatccaagat	tgctgtctgc	t			1771

<210> 307
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(392)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 307
 cattcaaaac agtatggtac cagtataaaa ccagacatat aaactatttg aacagaagac 60
 agaacctagt aataaaccca cacatgagga caagtgagtt ttgacaatta tgccaagaac 120
 acacagtga gaaaagataa tctcttcaaa taaatggtat tgggaaaact agatatccac 180
 atgcagagga atgaaattgg acgcttatct cacactgtat ataaaaatca actcaatatg 240
 aattaaagat ttcaatgtaa gtccttaaac tacaaaactc ttagaagaaa acagggaaaa 300
 agcttcttga cattggcttt ggcaatgatt tcttgatata gacacaaaa gcacaaaacc 360
 acaaaagcaa aaatagataa gtctgattac g 391

<210> 308
 <211> 590
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(571)
 <223> similar to gi2723316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 308
 aaaaatctta caaaagtga gaatgtggca aagcctttat ccaggcctca actcctagta 60
 aacataatta atgatggaga gaaaccatac aactgtgaag aatgtggcaa agcttttaac 120
 caggcctcaa actttattga acaaaataat tcatacagga gagaaaccct acaaagtga 180
 agaatgtgac aaagccttta accagtcctc aatttttact aaacataaga aaattcatac 240
 tggagagaaa ccctatgatt gtgaaaaata tggcaaaggc tttaactagt cctcagttct 300
 taacacacat acgataattc ttactgcaga gaaactctac aaaccagtaa gatgtgacag 360
 tgcttctgac aacatctcaa acttttctaa tcataaaaga aatcatattg gtgagaaatc 420
 ctagaaatgt ggagaatgta acaaagtatt taaatggttg tcacacttga ttataggtaa 480
 tattcatatt ggaaaaattt cctacaagta agaacaatgt ggcaaagttt ttaactaata 540
 caccttattg cacagaaaat catttatatt tgagaaaaat ttagaaaata 590

<210> 309
 <211> 916
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(910)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 309

cgtccagga	gcactgcca	caggccgagc	cggggcctcc	cgcaagagga	aggaggtgcc	60
ctcaaggcta	cggacctggg	gtcccgtgg	tggacgccc	atggggctca	ggcctaaaga	120
ggccgagagg	gcctcgggga	cccagtgc	gccccacgct	gagcagcaca	ggctgcccc	180
ccgtgggctc	cccgatctct	ctctggatca	ccgagacctc	gcagggaggg	tcatcagggg	240
cgccaggccc	agggccacca	cagtggaagg	tctccccttc	cccaggcacg	taatcttcca	300
ggtcagccag	tgtcagcatg	cggccgttgt	gcgtgaggat	cttgggggtca	cgatccccc	360
ggctgtgtgt	gtcctgggac	tccctcgta	caaaggcgta	tccgtcttcc	ccctcttctc	420
ctcccgcctc	ctccatgggtg	ccctcctcct	ccaggctgcc	catgccagaa	gcagcccagt	480
ccacactgcc	tctggcatcc	acgcggaaga	caaggggctc	tctgacgccg	accatggctg	540
tgccttgggc	ccaggcctcc	tgggcccagca	gcttgttgtt	ggagttgttg	gaattggggg	600
ccccctcggg	ggctgcaccg	ggcagtgtga	agagatgccc	cgatgagctc	ctgggcacct	660
ctgtggtggg	agacacaccc	tgcgggcccc	tcttcttcac	ccggacttca	atggtctcct	720
ccacctccac	ccacttgggc	tggggccccc	agagtccggg	cagagctgga	gagtgggcct	780
cggcctccgt	cacatacagt	gtgggaccca	cgggcttctg	gcctggttct	gcctccggcc	840
tggggggctg	gccagcacct	ggcaggtaca	gcaggtcggg	ggccagtagg	cctggcctca	900
gcgggctggc	agagca					916

<210> 310
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(782)
 <223> similar to gi4185939 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 310

tttttttgag	caactgatgg	ctttatttac	ccaattgcaa	acagcagtca	ggagtagaat	60
gcatactttt	tacatcactc	acattagggc	tcatacacct	cttccaggac	ctttaactga	120
aggggaatcaa	atggctgacc	gcctaattgc	taatgcaatc	tcaaagtcta	gacactttca	180
caatttaacc	catgtgaatg	cctctggtct	caaacgcaga	tgcagtatta	cctggaaaga	240
agctaaagct	attatccagc	gatgcccac	ttgccaaatg	gccattctt	catcttttac	300
aggaggagtt	aatcctcgag	gattggaacc	taactctgtt	tggcaaattg	atgtcacaca	360

tcttcctcgc	tttgggagac	tagcttatgt	acatgtatgt	gtggacacct	tttctcactt	420
tgggctacag	gccaatcagg	agagccttct	gcctgtgtta	aatgtcacct	cttgcaagtgt	480
tttgcaagtga	tgggcattcc	agcttctatt	aaaacagata	atgccccagg	ctatccctagc	540
caaactctag	ctacattttt	ctctttgtgg	aatattaaac	acattactgg	tatcccatac	600
aattctcaag	gacaagccat	agtggaaaga	atgaatcttt	ccctaaaaca	gcagtgtgaa	660
aagcagaaaag	ggggagacag	agtatatgga	accccataga	tgcaactgaa	tctagcatta	720
ttaactttta	attttctgag	cctgcctaaa	ggccagatgc	tatcagcagc	tgaacaatat	780
c						781

<210> 311
 <211> 665
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(649)
 <223> similar to gi498152 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 311	
tggggcagag	gctgcggagc cccaggagga tctgcctccg ctttcacagt cctccagatt 60
tttccaagag	cagcagaaaa tgaataaatc cctggggcca gtgtcattca aggacgtggc 120
tgtggacttc	accaggagg aatggcagca gctggatcct gagcagaaga taacttacag 180
ggatgtgatg	ctggagaact acagcaatct agtttctgtg gggatcacca ttatcaaacc 240
ggatgttatc	agcaagttgg agcaaggaga agagccatgg atagtagaag gagaattcct 300
acttcagagc	tatccagatg aagtctggca aactgatgac ctaatagaga gaatccagga 360
agaggaaaat	aaaccttcaa ggcaaactgt gttcattgag accctgatat gaagagacga 420
ggtaatgttc	ctggtaacac ttttgatgta gaaacgaacc ctgttccttc aagaaaaata 480
gcctatacac	atagcctctg taactcatgt gaaagagtga tttaacgcct cttcagaata 540
tattagtagt	gatggacgct atgcaagaat gaaagctgat gaatgtagtg gatgtgggaa 600
atcactcctc	catattaagc ttgagaaaac tcatccagga gatcaagctt atgaatttaa 660
tcaaa	665

<210> 312
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(692)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 312
gcggccgccc ccggccccgc gccccctgcc ccggaggcga cccttccgcc ggcctcggcc 60
gcggggaagg actgggcgtt catcaacacc aacatctttg ccaggaccaa gatagacccc 120
agcgcttggt tgcagaagct ggagctggac gtgaggagtgt tcaactccgt caggagaggt 180
gcagaggcca agaccgtttt gcccaagaag gagaaaatga agctgaggcg tgagcaatgg 240
ttgcagaaaa tcgaagccat aaaactggct gagcagaagc acagggagga gcggaggcgg 300
agggccacgg tgggtggtggg ggacctgcac cctctcaggg atgccctgcc cgagctgctg 360
gggctcgagg ctggcagccg gcgccaagcc cgcagcaggg agagcaacaa gccccggccc 420
tcagagctca gccgatgag cgcagcccag agacagcagc ttctcgagga agaaaggacc 480
cggtttcagg agctgctggc cagtccggcc tacagagcca gccccctggt ggccatcggg 540
cagacgctgg cccggcagat gcagctggaa gatggcggcc agctctgacc agggcagcgg 600
gcatgccaca actcctcagg acacatgtgt gccaaagtaga gagcgccggc ccctcaagga 660
ccatggcctg agcctggtgg acgccccttc ctctggtcgg ttgtggggct caataaatgg 720
ctctgtgaac ttcccctgca ctgccagggc cgttcccaa aaaaaaaaa 769

```

<210> 313

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (340)...(669)

<223> similar to gil780975 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 313
ttatgacgta tgtacgactg gcgcagagcg acgaggtgac aggagaatcc gtaccctact 60
gcaccccctc attattattg tgaagaaaaa gagtggcctg accctccaga tctttctttt 120
ccagaggaca gtgggcaaaa attagttgcc ccagtgactg ttcaagcagc acctcgagcg 180
actgctctta gttctattca gtcaggaatt cagcaagcta gatgagaagg tgattaagag 240
gcttggcagt tccctgttag aatacacccc ccagatcaac agggaaatat tatagctaca 300
tttgagcctt ttccttgtaa attactcaaa gaatttaaac aagctattca tactaaaaaa 360
gaatgtagaa ataatcagca agtcagctgc cagatagggg aaaaaagaaa actgctgagt 420
ctgaaatatg tccaacatgt aaaaaaggaa aacactgggc taatcagtgt cactctaagt 480
ttgataaaga agggaacctg atttcaggaa atgccatgag gggcctgtcc tgggccccat 540
tccaaactgg ggcatttcca gctcaggcca ttccctcaca cccgtacaat gtctgtcccc 600
cgccacagcc ggtagtgccg cagtagattt atgctgcaca aaagctgagg aattcctgcg 660
cactgcgct

```

<210> 314

<211> 604

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(604)
 <223> similar to gi5080758 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 314

ccagcttaat	cgccataaga	acattcacac	aggtgagaag	gcaccttgaa	tgtaaggaat	60
gtggaaagtc	ctttaatcgt	gtctcaaacc	atgttcaaca	tcagagtatt	cgtgctgggtg	120
taaaaccatg	tgaatgtaag	gggtgtggga	aaggcttcat	ttgtgggtca	aacgttattc	180
agcatcagaa	aattcattcc	agtgagaaac	tctttgtatg	caaggagtgg	aggacgacct	240
ttagatatca	ttaccactta	tttaacatta	ccaaattcac	actggtaaaa	aaccctttga	300
atgtaaagaa	tgtggaaagg	ccttcagttt	tctgacacag	cttgctggac	ttcaggtcat	360
tcatactggc	gagaagccat	ttgaatttga	gaaatgtggg	aaggccttca	atagtggctc	420
aaaccttggt	caacatcaga	gtattcatac	tggtgagaaa	ctctatgaat	gtaaggagtg	480
tgggaaaact	ttcagattta	gtttggctct	gactgcacat	caaagaattc	atactggtat	540
gaaacctgtg	gaatgtacag	aatgtgggaa	gacctttagt	tgtagctcan	acattgggtc	600
acat						604

<210> 315
 <211> 1223
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (180)...(1082)
 <223> similar to gi1813429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 315

tatgccattg	attgaatacc	ttttgatctt	actgtgcata	ctaactttct	tgatgtaaat	60
atttagtgcg	atataaatat	ttagtgcgtg	atttccatag	cagatgacaa	gtttatattg	120
attataacat	ggtctcggtt	gatatttttc	tgacaagtaa	gttttagatca	tgtttggtat	180
ttgtttccta	ttacctagag	ccaacacaga	tctatagatt	tctttgaact	cggaatctca	240
tagcagtaag	tagtcaacaa	aattcatcaa	tattatttct	ctcttataac	tgcactctgta	300
ttcaatttta	acatttttta	aactcttttt	gtagccaata	tttttgcaca	gaactcttac	360
ttacatgtct	catcgaaact	ccagaacaaa	catcaaaaga	tacttgaata	cctaccaagt	420
agaaggcact	atgccagcac	tgcatagctt	tccttgaaga	agagcaatta	ctgcccttca	480
ggagtgtata	atctagtagg	agaaataaaa	tatttacatg	agttttacat	gtaggaaact	540
gaatgaaaag	aaaacattta	aagttgatga	tatgttatca	aaagtagaga	aatgaaagg	600

agagccagaa	tctcagagct	tgtcagctca	tttgcagctt	acatttttgg	tttcttccac	660
aaaaatgata	agccatcacc	aaactcagaa	aatgaacaaa	attctgttac	cctggaagtc	720
ctgcttgatga	aagtttgcca	caaaaaaaga	aaggatgtat	gttgtccaat	aaggcaagtt	780
cccacaggta	aaaagcagggt	gcctttgaat	cctgacctca	atcaaacaaa	acctggaaat	840
ttcccgcccc	ttgcagtttc	cagtaatgaa	tttgaacct	gtaacagcca	catggggaag	900
tcttactcgt	tgctatttag	agtgactcgt	ccaagaagaa	gagagttaa	tggaatgatt	960
aatggagaaa	ccatgaaaat	attgatgtca	gtgaagagct	tccagccaga	agaaaatgaa	1020
atcgtgagga	tggggaaaag	acattttgtg	cacaaatgac	agtatttgat	aaaaacaggt	1080
aatgttgatg	aacaagcgag	gctcccacaa	tgttctggaa	atgttttcat	tctgaagcag	1140
aatataatta	tttatattga	ttatttcatt	gcctttgtgt	tctttttatt	cttacggatg	1200
aaaaacaaa	tttgcaca	ctg				1223

<210> 316

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(715)

<223> similar to gi1017722 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 316						
gattgtaaaa	ttttgagacc	cctctttgag	accactagta	cagtgcggtg	gaattcgctt	60
ttaatgggtg	ctccagcctt	actcgacata	agagaattca	cactagagag	aatacctaca	120
aatgtgaaga	atgtggcaaa	ggctttactt	tattttcaac	ccttactaac	cataaagtaa	180
ttcactactg	agagaaatcc	tacaaatgtg	atgaatgtgg	caatgttttt	aactggcctg	240
caactcttgc	taatcataag	agaattcatg	ctagagagaa	accctacaaa	tgtgaagaat	300
gtggcaaagc	ttttaaccgg	tcctcacacc	ttactagaca	taagaaaatt	catactggtg	360
agaaactcta	caaacctgaa	aaatgcgaca	ataattttga	taacacctaa	aacttttcta	420
aacataaaag	acaccatcct	gttgagaaac	cctaaaaatg	tgaagaattt	gacaaagcct	480
tccaatgatt	gttacacttg	cttgtaggta	agataattta	tattggagaa	aactttataa	540
gtgtaaagaa	tgtgacaaaa	cttaaccaat	actcacatct	tattgcacag	gaaagcattt	600
ttacttgaga	aagattgtac	aagtataaaag	aatgtgaaaa	agtcattgat	atcttttcac	660
atcttactca	acaccagagt	ttatacttat	taaaagcatt	ataaatgcaa	aaaa	714

<210> 317

<211> 1808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1809)

<223> n = a,t,c, or g

<220>
 <221> misc_feature
 <222> (1808)...(3)
 <223> similar to gi35019 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 317
 tacgctctct tctttgagtg actttaagaa ctcttgattc tcattttcaa gaggtctagc 60
 tatctcctgg tcaagagact tacagtgggt ctagatctac tttttctggg ggtcttaatg 120
 tcatctgacg ctgttccccct agagacctcc gtcgctgttg agtctctttt tcaagagttc 180
 tcaaatgtct cttgggtcct gttctttctaa agacctcagt gatttgtgat tctctgtttc 240
 tagaggtctc acaatactct ggtcctcttc ttctagagtc ttcagtggct cctggttctc 300
 tttttctaga gatctaaagg cctctttgtt ctcatcttca agagacctca ggggttctctg 360
 attctccttt gtcagaggtc tcagtgcctc ctcatccctc acttctggag atctcagtgg 420
 ctcttgattc tccttttcca gagctgtcaa tgactctaag ttctcttgca gagaacttac 480
 taattcttga ttttccgttc ctggaaataa aaatgtctct agattaacct caagagattt 540
 cattagtctt tgattctcct tttgcaggga ttgcaatgtc tgtgtgtcct cttttcctgt 600
 aggccttaagt tggcctacag cctctttttc tagaggtctc actacctcca catcctttaa 660
 tagctcttta ttttcccttt ctagactttt tagtgtttct aagtcttctt ctaaagacct 720
 cggacattct tgattctccc tttctagtgt ctcatggctc tggttttcca gagtcttcag 780
 tgactcttga atctcctctc ccagagacct cagggtttct ttttccaaag gaacctggga 840
 gtcttgattt tccttctgtt ttagatctct ttcttcccat atttctgctt gcaagctgct 900
 taccactttg cctctctatg ctgtttcttt ctctaccaac cccagattt gcccttcacc 960
 ttccctcctg catatgctga aactctaga cccaccgat tctccatcct tagcctctaa 1020
 actggagtgg tcagggtgga ggggtggtgc caaggaggca tggctctctg gggactggcc 1080
 tgtactggcc tcttgccgct ggccccagg ctctctggtt ccaggcagga cgctggcagg 1140
 aatggccacc ctggcttcag cccgcagggg ctctggagcc tgtttctctc caccctgtgt 1200
 ctggagcaga gagagaggag catcctgggc tctgatctct gcatctacag caggagaggg 1260
 tgcttgaggt gtggggggga tgggggtgct ggccaaggta ggggtacggg cctggaggaa 1320
 ttcttggttc ttaagaaagg ctggcacagg tgtctcaagg gtagcaggca agggtagagg 1380
 gaggaagttt gggctcagga ctgggagcaa agatccaaga cgccggccct ctggggctct 1440
 aggaatttgc agctccagct tgggggtcct aaagctgagg gaagtcttgg agccaccgcc 1500
 aggtgtttgc agccgggagt tctcagcctc caggagggtc ctgtacgtgg ccacctccag 1560
 gctgagggac atcttgaggt gcgccagctg ctgccgacct tccaggacct gagcgatctg 1620
 gctctgtagg cctgttttct cctgctccag ggccctccca gccagctgga acttttctagt 1680
 agccgcagc cgctcctacc agcgccctc caacctctgt tccaccgntg cntgcgctc 1740
 caggaggcct gcggnnttcc acgctacta taaggtctcg atngggcgnn ctnnnnnnnn 1800
 ntncct

<210> 318
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> similar to gil62885 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 318
cctacaggtg agcatcaggc tgcaggagga taccaggcc ttaggtagat atcaggccct 60
acaaggacac caggcctcag gtggacatca gggcccagtt ggggactcag gttctaggaa 120
gacaccagg cctcaagtag catcagggcc aaggcggata ctagactcca ggtggacatc 180
aggccctagt tggtcactag gccctaggtg gacacctggg tccctgggtga ccatcaggcc 240
acagattaac tccaggcaat aggtgaacat atgatcccag ttggatatca gaccccagga 300
aaacatcagt ccccagggtg atatcagctt ccaagttgac atcaggccac aagtggacac 360
tggacttgag gtgtacatca ggcctcagat ggacaccag gcccagggtg tacatcaggc 420
tcagggtgaa atcaaggcac aggtaacacc aaggcacagg tggttacctt ggcttcagggt 480
agacatcaga ccccagggtg acacctgggt ctccggtggt catcaggccc taggtggaaa 540
ctcagggtccc aggtgcacat caggttccaa gtggacaccc agggcccatg gtgataccca 600
ggttccagggt gggcactggg cccagatga acaccaggct ccgggtggat accagaactt 660
gggtggacac ccagctctga ggtggacatc gggctccagg tggacatcaa gcccaggta 720
gatatttagt caccagggtg acataagacc ccaggtcgac accagaacct ggtggacac 780
ctagggtttcg ggaattccgc cgc 803

```

<210> 319

<211> 2152

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2151)

<223> similar to gill196429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 319
aatgacccaa acaaatagtt gtccctttaa ccaaggaaca agttagacaa gcctttatca 60
attctgggtgc atggcagatt ggtcttgctg attttgtggg aattactgat aatcattacc 120
caaaaacaaa aatcctccag tttttaaaat tgactacttg gattttacct aaaattacca 180
gtcacggacc tttagaaaaat gctctgacag tatatactga tggttccaac aatggaaaag 240
cagcttacac agagccaaaa gagcaagtaa tcaaaactca gtatcaattg actcaaagag 300
cagagttggt tgcagtcatt acagtgttaa taagattttg atcaatctat caatattgta 360
tcagattctg catatgtagt acaggctaca aaggatattg agagagccct aatcaaatac 420
attatggatg atcagttaaa cccgctgttt aatttggttac aacaaaatgt aagaaaaaga 480
aatttcccat tttatattac tcatattcga gcacacacta atttaccagg gcctttaact 540
aaagcaaagt aacaagctga cttgctagta tcatctgcat tcatggaagc acaagaactt 600
catgccttga ctcatgtaaa tgcaatagga ttaaaaaata aatttgatat cacatggaaa 660
cagacaaaaa atattgtaca acattgcacc cagtgtcaga ttctacacct ggccactcag 720
ggaggcaaga gttaatcccc agaggctctat gtcctaattg gttatggcaa atggatgtca 780
tgcacggtac cttcatttgg aaaattggca attggtccat gtgacagttg atacttattc 840
acatttcata tgggcaacct gccagacagg agaaagtact tcccatgtta aaagacattt 900
attatcttgt tttcctgtca tgggagttcc agaaaaaatt aaaacagata atgggcccagg 960
ttactgtagt aaagcatttc aaaaattttt aaatccatgg aaaattgcac atacaacagg 1020
aatcccttat aattcccaag gacaggccat aattgaaaga actaatagaa cactcaaagc 1080

```

tcaattgggt	aaacaaaaaa	aggaaaaaga	cagtaaacag	tataacactc	ctcagatgca	1140
acttaataata	gcactctgta	ctttaaat	tttaaatata	tatagaaatc	aaaccactac	1200
tcctgcagaa	taacatttta	ccggtaaaaa	gaacagccca	catgagggaa	aactgatttg	1260
gtgggaaaat	aacaaaaata	aaacatggga	aataggtaag	gtgataacat	gggggtgagg	1320
ttttgcttgt	gttccaccag	gagaaaaatca	gcttcctgtt	tgggtaccca	ctagacattt	1380
gaagtcttac	aatgaaccca	tcagaggtgc	aaggggaaggc	gcctccgcag	agacagagaa	1440
cccgcgaatcg	aacatcatcg	actcgcaggg	tgaacaaaat	ggtgatatca	gaaggacaga	1500
tgaagtggcc	atccaccaag	aaagtggggc	cgctgacctg	ggcccagcta	aagaagctga	1560
cacagttagc	tgaaaaaagc	ctggaaaaca	caagggtaac	acagactcca	gagaatatgc	1620
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acagatgacc	gtggccctgc	ccaacctgaa	gaagaaggaa	tgatgataaa	catttcatt	1860
gggtatcatt	atcctcctat	ttgcctggga	aaagcaccag	gatgcttaat	gcctacaatc	1920
caaaattgggt	tgatagaagt	acctactgtc	agtgccacca	gtaaattttac	ttatcatatg	1980
aaaagtggga	atgtcacttg	ggtcacaaat	gaataattta	cagcattctt	cctatcaaag	2040
atcattaaaa	tttaggccta	actggacacc	atgacagaag	gaacttaacg	acgaatcaaa	2100
agacacacaa	ctcctagact	gggaagacac	tacggctgaa	cctgcaatac	ac	2152

<210> 320

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (51)... (763)

<223> similar to gi2739454 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 320

ccgtgcgggtg	gaattcgctt	ggcaacgcgc	agcaacccaa	cgtccacgcc	ttcaccccat	60
tgcagctgca	ggagctggag	cgcattttcc	aacgcgagca	gttccccagt	gagttcctgc	120
gaaggaggct	ggcaagaagc	atgaatgtga	ctgaactcgc	agtgcagatt	tggtttgaga	180
atagaagagc	caaattggagg	agacatcaga	gggcattaat	ggcaagaaac	atgctgcctt	240
tcattggcagt	gggccagcct	gtcatggtaa	ccgcagctga	ggccataacg	gcacccttgt	300
tcattcagcgg	gatgagagat	gattacttct	gggaccacag	ccattccagc	agcctgtgtt	360
tccccatgcc	accctttcct	cctcctgctt	tgcctcttcc	actcatgctt	cttcaccta	420
tggccaccgc	ctggccaggg	ttgaatttgg	gccattttcc	cttttggtat	tctgtggcctt	480
cttttcacat	ttccccaatg	tctaaaggga	tagcctctgt	ggccactttt	tgcagagatg	540
tctttgagcc	agattcatat	tttgcatagc	accccatcaa	aagtagttca	tcaaattgtct	600
attaaacggt	ttaaagaaaa	gtacatcatt	gaccattttt	tagggcactt	gtaaaaatgt	660
ttctataaat	atgtgaaggg	tatgtacatt	tgttttgtgt	gtcacatggg	gtcagtaagt	720
tctcaataaa	aattgttaag	aaatgccatt	caaaccgaaa	aaa		763

<210> 321

<211> 980
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(961)
 <223> similar to gi5262560 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 321

atatggggaa	ggcttatcct	atcttataag	ttttcaaaca	cacataagaa	tgaactctgg	60
agaaagacct	tataaatgta	agatatgtgg	gaaaggcttt	tattctgcca	agtcatttca	120
aacacatgaa	aaaactcaca	ctggagagaa	acgctataaa	tgcaagcaat	gtggtaaagc	180
cttcaatcct	tccagttcct	ttcgatatca	tgaaaggatt	cacactggag	agaaacccta	240
tgagtgtaa	cagtgtggga	aagccttcag	atctgcctca	cagcttcgag	tgacggtgg	300
gactcacact	ggagagaaac	cctatgaatg	taaggaatgt	gggaaagcct	tcagatctac	360
ctcacacctt	cgagtgcag	gtaggactca	tactggagag	aaaccctatg	aatgtaagga	420
atgtgggaaa	gccttcagat	atgtgaagca	ccttcaaatt	catgaaagga	cagaaaaaca	480
cataagaatg	ccctctggag	aaagacctta	taaatgtagt	atatgtgaga	aaggctttta	540
ttctgccaag	tcatttcaaa	cacatgaaaa	aactcacact	ggagagaaac	cctatgaatg	600
caaccaatgt	ggtaaagcct	tcagatgttg	caattccctt	cgatatcatg	aaaggactca	660
cactggagag	aaaccctatg	agtgtgaagca	atgtgggaaa	gccttcagat	ctgcctcaca	720
ccttcgaatg	catgaaagga	ctcacactgg	agagaaaccc	tatgagtgtg	agcaatgtgg	780
gaaagccttc	agttgtgcct	caaaccttcg	aaagcatggg	aggactcaca	ctggagagaa	840
accctatgag	tgtaaagcaat	gtgggaaagc	cttcagatct	gcctcaaacc	ttcagatgca	900
tgaaggact	cacactggag	agaaacccta	tgaatgtaag	gaatgcgaaa	aagcattctg	960
gaaattcttt	tcttttaaaa					980

<210> 322
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(628)
 <223> similar to gi807677 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 322

acatcaggat	aaattctaaa	cagatcaa	atttaa	aatgt	acaaatggaa	ccatacaggt	60
attagaagaa	aacttgggta	agttacatta	caacctgaga	gagagaaggt	tttcctaact		120
atgactccaa	atccagaagc	aataaggaaa	aggactgata	aatacaatta	catgaaaaaa		180
caacaacaaa	agactttttc	atggcaaagt	atactttgca	taagcaaagt	taaaggaaaa		240
taacaaactg	caaagaaata	ctttcagctt	acatcacaga	tagagcttct	aaaaatagag		300
aagaccagca	accttagaat	cagggttaa	ac	ctacattgct	cagagataga	ccaagatttt	360

tatagaaaaa	aaaatataaa	tggctctgaa	ccatatgaaa	atgtgctcac	ttttgctctt	420
aataagagaa	atgcaagcta	aaactacccc	tttctcaacg	atccgattag	taaaaattca	480
agattttgat	aacatactct	gctggcaagg	ctatggggaa	acagacactg	ttagccatgg	540
ctggttggga	tgcaaaatgg	aagagccatc	tggaggggaa	ttcgggagta	tatagaaata	600
attccccct	ggctagggtc	tcagtcaa				628

<210> 323

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (688)...(565)

<223> similar to gil86774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 323

ggccggaact	cctgggtcta	cccacgcgtc	cgcggttcc	taaagtgctg	ggatgacagg	60
catgagcctc	aattcccatc	cataagctct	taattcttaa	gagacatggc	gataattcat	120
ggtgaagagg	aactttacaa	acctgaaaga	tgtgacagtg	cttttcccaa	cacctccaac	180
ttttctatgc	ataaaaaaaaa	ttatactaca	ccatagaaat	gtatgaaatg	tgacaaagcc	240
tttatatggt	tgccacactt	tattgtaggt	aattcatact	tccaaaatac	ctacaagtat	300
gaagaatgtg	gcaaaacttt	taatcagtgc	ttacaccgta	tttcacagga	aagctattat	360
ccttgagaaa	aattgtacaa	atataaagaa	tatggaaaag	ccattaatgt	ccatcacatc	420
ttactcaaca	gaagaagggt	cataaaagag	caattactgt	gacaaaaatc	tttcagaaaa	480
tataagcctt	taaggtgaag	aagagtattg	attctgaaga	caagcattac	aaatataaag	540
aggtttgtag	tacctttgct	tgtattacag	atcttattgc	ccgcgttttg	tattagaagg	600
aaaccctaaa	gcggttgcca	aactttgtgc	aacatcaggg	aatatattga	agaagattcc	660
tgcaaatgta	atgagtttgg	aaacacttct	tagataaatt	atttgtggct	gggcacagtg	720
g						721

<210> 324

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (67)...(814)

<223> similar to gi4092510 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 324
gcaggaattc cccggctcga gccggtgact ctctgagaac cagcccttct gtggcctcac      60
tctctgaaaa tgagctgcca ccaccacctg agcctccggg ctatgtgtgc tcaactgacag      120
aagacctggt caccaaagcc cgggaagagc tgcaggaaaa gccggaatgg agacttcgag      180
atgtgcaggc ccttcgtgac atggtgcgga aggagtaccc caacctgagc acatccctcg      240
acgatgcctt cctgctgcgc ttcctccgag cccgcaagtt tgattacgac cgggccctgc      300
agctcctcgt caactaccac agctgtagaa gaagctggcc cgaagtcttc aataaacttg      360
agccatcagc cttaaaagat gtccttgctt ccgggttcct caccgtgctg cccacactg      420
accccagggg ctgccatgtc gtctgcatcc gccagacag atggatacca agcaactatc      480
caattactga aaacatccga gccatatact tgacctaga aaaactcatt cagtctgaag      540
aaaccacagt gaatggaatt gtaattcttg cagactacaa aggagtgagt ttatcaaaag      600
catctcactt tggccctttt atagccaaaa aggtgattgg catcctccag gatggtttcc      660
ccattcggat aaaagcagtc catgtggtga atgaacctcg aatatattaaa ggcatttttg      720
ccatcataaa accattttcta aaggagaaaa tagcaaacag agtaagtgat gatcctattg      780
acttcagatt tttcttttcc tctgttgatt tatttgtgac atctggtact tggttattat      840
ttttgccctg                                     850

```

<210> 325

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(429)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 325
gatccttgag taaatatctt agttcgagga gaagtttaca aacgctctgc tcagccagtg      60
tttcaaactt tctaatatga actaaatgtg ccagtaccag aaattccagg aaaaacaaga      120
aatttgtttt tgcaattagc caagcatgta gccagctctc tcagtgtcac ttcattgttat      180
gtatgtggag gaactgtgat gggagatcaa tggccatggg aagcccaaga attagtacct      240
acagaccagc ttcccaatga attcccagct caaaagagtc accttgataa tttctggacc      300
ctgaagcttc aattattgga caatattgca tagctagaga aggaaaataa ttcactcacc      360
ccttaggaca acttagttgt ctgggacaga aactgtataa tggtagcaca aaaacagtca      420
cttggtggag gtcaaatc                                     438

```

<210> 326

<211> 1152

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (56)...(1155)

<223> similar to gi4140029 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 326
aaatgtgggc cttaatctcc tccccaatta acgtcactgc ccgcgggaac acagcggcat    60
ttctggggca ctcggcatgc cgggttccta acctcaatta ttcattctgc tctcaggcac    120
ctcctgacga gacctggcc caggagagct cggctcgggg acagaggaat gagactcagt    180
gggacgcaga gccaacccc atccccaccc ctggctggat ggggtctggg ggcagcagaa    240
tgtggaccac tcagcaggag gcttcctgac tgttctctcc tgaaccgatg tcaactcacag    300
gcaggggaca cgccatcctg gccccgcccc tttgggccct tggaatcatg gaggggtggg    360
gcagcctgtg cccatcccaa ggggaagtgt gcccctgggg acactggggg gctgccgggt    420
gcgccatctt tagggggtgc actgccgggc tccagggtca tgcttgaaa catttcaggg    480
cctccctcac ctctggatac cgctgcagg ggtgaggctg tgctgagctc tgctgccct    540
gccaggacgg agggcatggg cctgtgtgga aacccaggg ctccctgact cccatgaggc    600
ttctcaggga cttcctgccc cgagggtccc agcatctccc aggtggaggt cctcaaggat    660
gccccacca gctccccaca gctactgtag caggaaagtc ttcttcccga acccagagcc    720
cagggcggat ctcccggtg gcgcgccaag gtggaaaccc tcagggtcct gggggaacca    780
gggccaggt ctggactcca ttcgggacct tcccagctcc ggggaatcac aacacagaag    840
taccacaggg gctgaagcca ctaggcccc gtggagccct ggccacctgc cagagccctg    900
gccctacgcc tggaaggcag agtcctggtc tccagactcg ctggggctgg gtgttctgt    960
ccccgcgga gggcctgctc aggggagagc tggctccgcg tgggcctccc gattctcccc   1020
acgcggaacc agtccacaa aactctgttc tccaaggctc cttaggcaca agacttgagt   1080
tctcactaac ttacccaaaa cacaaccaa cacaatccct gcctggaccc tctcctagcg   1140
tggcacgagg cc                                     1152

```

<210> 327

<211> 1649

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (334)...(1646)

<223> similar to gi1888409 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 327
cctgcagggt cggggagaaa gcccggatca ggccctgcagg ggctcagggc agtgggtggc    60
tcatgtcagg gccgggttcc tggcacatcc acgacataca agccatcttt gcaactcact    120
tttattgttt ctttataaac ttctctctcc atggaggaat atattgttat agtcattagc    180
ttatctcttt ttttaaaact ctatgctaac agcaatggag ccaagaggag gaaaacataa    240
gctacgatag aaaggcactt agaacctgtt aaaatactga cgtcctggaa tgtgcaacaa    300
cacaccaatg acaaccacaa aaagtacacc ggccctgccc agcctgggtc gtcacagagt    360
cgcattgctg gctcgtcggc cttccagtgc cctgttcttc cgctctgctc aagtcgcaaa    420
cccatgaccc cgccagggac ttaaggcctg gggccctcac aggggtgggg ggtgctcagg    480
gcctgggtgg ggcccgaaga aaggagacca gctccctcct accttgctca tagccccttc    540
gaggggcaga gccagtgtgg ctgggccctg tcagggtctgg agtccaaagc ccagtggcaa    600

```

ggtgggcccgg	gtcaggggtga	cccctctggg	acagaagggc	agtccgggag	aggggtgggggt	660
cagcagagct	gccagaggac	ctgcagggcc	actaaggacc	ccaaggctgt	ccgggcagct	720
gcctcgtttt	acagatgggg	aggtggaagg	gcctggccac	tcagaggcct	ggtgacaggg	780
caggcctaga	agccagaact	cccagctgcc	aggtgggaga	gggagcaggg	agaggcccca	840
gatgggggggt	gcatggctgc	gtccatccct	cagggcgtcc	tgggatggga	ctggggcaca	900
aggccctcca	gcaccaccct	taagtgggtc	tggcccctgc	cagggtcctc	ctgagtggca	960
cagaacctgg	gggggcccac	tgggtgttag	gggtggggaa	gtgcctctga	gaaagcggcc	1020
cagcagggaa	aagccagagg	aagcaacgtg	tcatgggtcc	agcaccctcc	tccagccact	1080
gcttccctca	aggccttcag	tccacagcct	ccagaaagct	cccaacacag	cactgactgg	1140
gagccccctc	ccctgcatgc	tgtcacttgg	agccccaga	ccaggagctg	tgtcccagcc	1200
tgtggtcggt	cgtecccagc	cagcctcccc	cttcctgtta	caggaccaag	gacccaaagg	1260
cctctgcagg	gggcgctgcc	caggccaggc	ccagcggggg	tagaaggagg	aagacggggc	1320
gctgggacctg	gccccacatg	ctccctgagc	cagggcccag	gtcactcagt	atcttggcac	1380
cacagctggc	ctggcacctc	cccttgccag	ctcagggggc	ctcggacctg	cttcccacgc	1440
tcccaggggtg	ccccaaaagg	tagagggagg	agaccctggg	gtgcaggggt	ggagtggcca	1500
gctatcccgt	ctggtactgc	aggcctggcc	tggggtgagg	acggcggctg	cagagcgggc	1560
ctcctcctaa	ctagtgggag	gcgccttgtc	ctggggggca	tgctcctcgt	gccaagcttg	1620
gaggaatcac	ggtcatagcg	tttttcaat				1649

<210> 328

<211> 1565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (80)...(1562)

<223> similar to gi930045 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 328

tttttttttt	ttgtctttta	aaaacatcgt	aacattaaca	catggccggt	caccgtcccc	60
caacgatggg	agctggcctg	gggcccagg	tcctccagga	tcttcaactca	ttcacagtaa	120
cggttttgac	cagtcctcca	ggtcgcacgt	ggatgcgaca	gggggtgggga	gggaggagga	180
agtgaactgc	cccccttcag	aaaaaaaaaa	acaaacaaac	aaacaaacgc	tgctagccac	240
tcagcttttag	agaccgatg	gctatgggcg	cctgcagcgg	gcgggggtcc	atttgcttgt	300
tctttgatac	aaaaaggcag	agaatcccc	gttacgaaac	atggaatcac	tgacaggcga	360
gaagtgatgg	gggaaaaagg	ggtgggcgga	atgcccgcga	ccccccagg	ggtctttgga	420
aggggcagtc	cacagatatg	ggcagtgggg	accaggaag	gcagagcacc	cccacggcca	480
ccggactgtg	accatcatac	gagattcagg	aggggcagca	gggccaggca	gacggtctcc	540
gaggccccca	cccccaggcc	ccccgacatt	caagtattct	tcaagaacag	ggaagcaaaag	600
tccatcgatg	tgttggtttt	ttttaaggaa	aaactaaaaa	actaaacagg	aggaagaatc	660
ccgaccgcgg	atttagaagc	cagaggggct	gccccagctg	tggagctcgg	gggctgcgcc	720
gggaagggcg	ggcgggtgacc	ctagccgcgc	gcacttctaa	agtggaaccc	tgtattgcat	780
agaacgtccc	caccgcgggg	gagggggcag	caggctccgc	agcccccggg	ggttgaggca	840
tggaggggtg	ggggactgag	cagacccccg	cattcctggg	tgcccgaagg	gaggccgagg	900
ccgcagccgt	tttctgaag	gtggcagacc	aaaaacactg	ccctgggggt	gaggattcgg	960
ccagacccccg	gggtctgggc	tcagctctaa	ggacaaggac	ggagctgacg	gagcttccag	1020
gtcaggccccg	aggggcggcg	cgaggcagga	cgtggctacg	gtcagactga	gccctgagaa	1080
ggggcactcg	ggtgccccaa	gggggtgtct	tcaggacccc	ccacattggc	tgacagtgcc	1140

tgtccagccc	ctctgcctgc	tgcggtggaa	acggcttcgg	gccaggcggg	gctcctgctg	1200
tctcaggcct	tgggtgtggag	gggaggggca	gcggcgagcc	cctgggggtca	gctgcagttt	1260
aaggtcaagg	tcgagggccg	aatctggcca	ccaggagtc	tggacagaca	gacgggcctt	1320
gcaggaagcc	ccgattgtca	actatcatgg	ggacaaggca	ggcgcggggtg	aagggctggg	1380
ggatcccatg	gggtgggtgg	gtgagctgcc	tgccacctgc	ctgcctgaca	cctccagaga	1440
caggcagccc	ctcccttccc	caaccaagcc	accaggggtg	ctctcagggg	gagggataga	1500
ggggaagagc	ctgtccctaa	aatactgcgg	gctgggaggg	aacacgaggg	cagggtcctg	1560
tgccc						1565

<210> 329

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (559)...(707)

<223> similar to gi2580578 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 329

tagctgtttg	tctcaagtta	gttcagaata	aaccacgagt	gtgtggattg	ctaaaataac	60
ttattttctaa	atgctgcaag	tcaaaaattg	cagatttcct	tgtctaacca	gatgcagatg	120
ttatatgtta	taaaggatca	ggactccaac	aggaaccaac	atcactgcct	tctaaaatta	180
gtggccttcc	tggcatatga	acaccctttg	ggcctgtgct	ccagtgtctc	tttgggttgc	240
tccttgggct	ctttgtgaag	gatcaagaca	cccccgtagt	ctaggccaat	gtcaggctct	300
ccagtgtgtc	ctgttcatca	ccctcacctc	gcacttctat	tgttactgtc	tttggctatt	360
ccaacactgt	gcttgcaccc	tgtggaaagt	cacatttggg	gtcaagtga	tggtgtttgt	420
tctactcttt	ggtgaaaagt	atcagggtgc	atttggcctt	caattcagaa	ggatgaggca	480
ggggttggat	tcagggtgcac	ccaacttttt	ttgtgtgtgt	gtgatggagt	ctcgctctgt	540
cgactagcct	ggagagagca	atggtgtgat	ctcagttcac	tgcaacctcc	acctcccaag	600
ctcaagcgat	tctcctgcct	cagcctcccc	agcagctggg	actacaggca	cacaccatga	660
tgcccagcta	tttttttgta	tttttagacg	agacagggtt	tcacccc		707

<210> 330

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(757)

<223> similar to gi3880303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 330
ttttctgggc ttggtgcatt tattcagggt tgagagctga ggagggcaga gctcgcacag 60
ctgtgaggca gggctgggcc ggacaggagc tgcttcatcc ttcaacaaac cctggcctgg 120
ggtgaccagc ctggtggggg agatggagtc gggatggagg acaaaggggg gagcagggga 180
cagagcccag gaggaagcaa gggagggcac aaaggagggg caggtggctt caggtgagaa 240
gcaggaggga gaaaggggac cagcagtggg tctaggggaa ggggctgggg tgagggaggc 300
tgagaagggg cagaagatgt ggcccacagc ggctcccaac agccccaggt cctcaggaag 360
cccctcacct gtccctgtcc ccatggggcc ccagactcac tgcagacca ggaggcctgg 420
catagcgagt gtgcagggtgt gtgcagggtgt gtgcagacca gcacgtgtgc ctgtgcacgg 480
gtagacagca tgtgtgccag tgtgagtggc gtgtgtgtaa gtgggtgttc gcatgtggag 540
gcatgtgccg gtctgtacac gtttgtctcat gcgtgagtgt gtgtgcatgt ggttatgcac 600
atgtaaagga ccagaggcgg gaatcagaag ggcacggtgg gcatccctcc aggaagagga 660
gggactcagg ctgacctcgc cctcccacaa gaagagtcag gccttggggg ccgcggctgt 720
ctgagtggtc aggctggggc tgccattaac ctctgtg 757

```

<210> 331

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (188)...(1238)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 331
ttttttttttt agaaaaaaaa attaaaaaatt agccaggcat ggcggcacac atctactgtc 60
ctagctactt gagaagctaa gacgagagga tcccttcagc ccactagttc aaagttacag 120
aaaaccacgg ccacaccact gcactctagc ctgagcaaca gagcgagacc ccatcaacat 180
taaaacaaca acaaaaaaaaa tcaatataat tcaccatatt acaaaactaa agctaaaaac 240
catataatta ccttgataga tacagaaaaa gcatttgaca aaattcaaca tccacctcag 300
ataaaaacgc tgaacaaact agtaagatcc ttaactgcta aaggttatct atgaaaaaca 360
aaggaataag atgcccactc tcaccacttc tttttgactt cgtactagag gttcaagcca 420
gtgtaataca gaaaaaaaaat aaataaataa gaagaagaag aaaaagaaaa ggaaaagaaa 480
taaaagggtat ccagggtggg ggaaaggaaa agtaaaacta tcattattca caggtaatat 540
gactgtctat gtagaaaatc tgatggatgt acaaaaaagc tattaagaat tagtttagta 600
tggttgacgg acacaatata aacatgcaaa aggctatgat agttttatat cctagcaatg 660
aacaattaga aattaaaatt aagaaagcaa taaaatagca ccaaatttat ataaccctaa 720
gcaatttaaa ataccccaaa aaaatatgaa ctacttaggg aaaaatctga taagacatat 780
aaaacctgta ccctgaaaag tacataatgc tgttgagaaa aattaaagat gacctaata 840
aatggaaaga tatgccatgt taatggatca gaagactcgg tactgttagg atgtcaata 900
tcaatcaaaa tcttgaaagg tttctttgca gaagttggca agttgactct aaatatgtat 960
ggaaatacaa agaaccaga atagccaaaa caactttgaa aagaacaaag ttacaagatt 1020
aacactactt gattttcaaga tttaataata gctacagtaa tcatttaatg taagctacag 1080
taatcaagac agtgtggtat tggataaat gtagaccaac agatcaatga aacagaacag 1140
agaatccaga agtagacgaa cacatataca gactaataac attttgacaa aagcaaaaag 1200
gcaattcatt agagaaagga tggctttttc aacagatgaa tatctatatg aaaaaaaaaat 1260

```

ggacgcataa cttatactac ttacaaaatt aacttgaaga attccaccac acggactagg 1320
 gatctcgaaa 1330

<210> 332
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(704)
 <223> similar to gi488555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 332
 agagaatcac actggtgaga aaccatatgc atgcaaagaa tgtgggaaaag ccttcagcca 60
 aagctcagct ctcatacaac atcaaagaat tcacactgga gaaaaaccct acaaatgtaa 120
 tgaatgtggg aaagccttct cttggatttc acggcttaat atacatcaca gaattcacac 180
 tggagagaaa ccatataatt gtaaggaatg tggaaaagcc ttcagttccc actcaggcgt 240
 taatactcat cgaaaaattc atactggaga aaaaccttat aaatgtaatg actgtgagaa 300
 agccttcaac caaagctcag ctctaattca gcaccagaga attcactactg gagagaaacc 360
 atataattgt aaagtgtgtg ggaaagcctt cagacagagt tcatccctta tgacacacat 420
 gagaattcat acaggggaaa aaccttataa atgtaaagaa tgtgggaagg ctttttagtca 480
 gagctcatct cttactaatc atcaaaggac tcataattga gaaaaactgt ataaatgcat 540
 gtaggaactg aagttatatt ccatactgag tatcaaaaaa ttcattgtgg ggagaaagtg 600
 atgaagagta gttaatcata ggtaaaactt cagcattaga cctcatcaca catcagagac 660
 ttcattgatgc agggtaacct tgggaatgct agaaaagcct ctataaaaatg tttattcata 720
 tgttcttaag ttattaccat gaaatggaga attttttaaga ttgcagggtt agtatttgat 780
 tgtctagtga tgtacgataa cagccaccag ctttcctgag catcactggg aagcctgctg 840
 tttatgtaca agtacagcca taa 863

<210> 333
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (46)...(591)
 <223> similar to gi5931821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 333

aaattctact	cccgattggg	ccaacaccgc	cccgcgggcg	actgttatat	accaacatat	60
tccttttaat	gtaatatatg	agaaaaaatg	ttcggcggcc	tattcacctt	actgaacata	120
tgagaattca	tactggggag	aaacctttca	gatgtaagga	atgtggaagg	gcctttattc	180
aaagtgcac	cctcagtaca	caccagagaa	tccatactgg	tgagaaaccc	tttgaatgtg	240
aggaatgtgg	gaaagccttc	agacatcgct	catcacttaa	tcagcatcat	agaactcaca	300
ctggggagaa	accctatgta	tgtgataaat	gtcagaaagc	tttcagccag	aacattagct	360
tggttcaaca	tttgaggact	cattctggag	agaaaccttt	tacttgcaat	gaatgtggga	420
aaacctttag	acagattaga	caccttagtg	aacatataag	aattcatacc	ggggagaagc	480
cctatgcatg	cactgcatgt	tgtaaaacct	ttagtcatag	agcgtatcta	acacatcacc	540
agagaatcca	tactggggag	agaccctaca	aatgtaaaga	atgggggag		588

<210> 334

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (16)...(328)

<223> similar to gi1843392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 334

ggaggcagga	ggcgaccacg	tccaacaacg	ttttccctt	caagatcatc	cacatcagca	60
agaagcaccg	cgcggtgggtc	ttctcggcct	cctccgagga	ggagcgcaag	gtgactgggg	120
gtccgaggac	gagtgcagg	tgactggggg	tgtgggcctg	caggcaccag	gctggacctg	180
ctaccccccg	aaggatgagc	gatccccctc	tgagcaccat	gccaccgca	cccggcctcc	240
ggaaaccccc	ttgcttcggg	gagagtgcc	gcgccacac	aaggaacatg	ctgtcctggg	300
aggtgcccc	gtgggctgag	gggagccaca	cagccatgtt	gtatccagcc	gggtcgccctc	360
ctctgacctt	gggagtcaca	gcagagcang	cagggcagg			399

<210> 335

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(421)

<223> similar to gi1136434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 335
accagggttg caaactgttc tacctttctg gaatggtgca tggagaatat caaaaccaag      60
aaatccacaa tctgggccat tttattacag ttatgaagtt taggcctctc atggcaaact      120
tttcaccctt atatcctggc agacagttaa aaggatggaa gatttgacaa acccggagga      180
tatecaaaca aacatcaa atgtgacctgca ggtgtcactt tatggttatt taagaggagc      240
acacttgaaa aataaaaagcc aaattcacat gccaggacaa ggtggggctc acccatgagc      300
tgggccagag tctcatctcc acctactcca ccattgatgc caagatggct tcaagtcgag      360
tgatgctgct ttccaattcc aaaccacttg ggtcagaggc tatagataat caaggggacg      420
agttctcact atgttgccca ggctggcctc gaactcctgg gctcaagcaa tcctcctgcg      480
ttggcctccc aaagtctgg gattacaggt gtaagccact acggctggcc tattattgct      540
gtattctaac ttattcatct cctatgtgtc agagatggct ttggattccc cgttctgtgt      600
gctgctgtct ggctcctgaa cccagctgta gaggtgtgtc aatcccaact ggtgaagtac      660
tgagaggaag ctacacaaaa ggcagcaaa ggtgtgtcatt gagcaaacac      720
gaagtcgggc tcatccaagg atgagatttt gccagagaaa ggacgagcag caagtcaggg      780
agcttaaggt ggtggaaaagg aaatccctca cagcaactgg caccataatc aagacagaat      840
gtttgcagaa taaatggagt tacctgcttt cagccccagg ttgtagctat tgtctgccct      900
gatgatattg gataataatt tgtgatccta ttgtcttaaa atgggggtcac tcatctccag      960
tagaattaag tccacagtga agttgtcccc ccattcccaa agagataaac atatatgaat     1020
gaactcacat gataacaact actgctgcct gggatcatga gagacctgaa ctgaactgat     1080
aggaagtga aggtggctga gataatgaga atagacccat ctgcagagga tcataaaacc     1140
agcaaagaca agatcttgct taagatgcct tcacaaaactt tgtccatgag aactctaagg     1200
acttctccag acctgttggc tgcctgctgt atctctgccc aagaggagcc tctgaccaac     1260
atccaaaggg cttctggacc cactggactc ctctggaggt acctagtct cccgatccat     1320
ggctgtgttt ttttactccc tttatcgctg cctgtgtgta gaatgataat tgcacaattg     1380
atagtgtgaa gacctcttga taaatggtaa atctgagcat atgtatttgg ctgacatgtc     1440
attgtgaaac ctcacagctt cagtcagtgt caacgcagct agggagcatg tacctaatagc     1500
acatatcact gggcatagtc tacaggcacc taataactca ggtaccttaa cagtcactaa     1560
tgagtgtctc tccaaggact aaacaatgga agatgtaga agatgctatt cattaaaata     1620
tctcaagaat atggaagact attattcgct tctcatggga caggacttta tagggcacct     1680
gaaaaaactc ccatgaaaaa tcacttttac aaaatgtcaa gttatgatat ccaagatgaa     1740
accaatg

```

<210> 336

<211> 1326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (252)...(1326)

<223> similar to gil086680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 336

```

ttttttcaat tgcacagata tttatatggc gtggcaccat gcaagttaaa caactctttg      60
caaggcactg tgaagttaaa tacaacaggc aaataatgtc ctttcaaagg gaatgttgtt      120

```

ccttagtaca	gaacaatggc	caccaggggt	taggcatgct	ctcctccac	ctggaggctc	180
ccactgacat	ctgaattctt	ctttccacag	gttgcccttg	attcagtgc	ctgcattctt	240
tctttttcag	taaagatgtg	aggttgccag	ctgggcttca	gcactcactg	gctgtggagg	300
cgtgcttgcc	acatagtaga	tgctcagtgc	ttgtctgctg	agtcatactg	catagtgggtg	360
aagccttcag	ggaatgaaga	acaatcactt	tgctttcgtc	acatgttttc	tagatgattg	420
ctgcagaagc	ggaaaaggct	gcttctgagt	ccctgaggat	ggcagctgag	attctgtcag	480
gcacccctgc	tgctgttcag	cttcgatacc	tccacaccct	tcagtctctg	tccacagaga	540
agccttccac	tgtggtttta	cctttgccat	ttgacctact	gaattgcctg	tcttctccca	600
gcaacagaac	tcagggaagc	ctccccttcc	caagtccttc	caaacctgtt	gagccactaa	660
atcctaaaaa	gaaagactct	cccatgttat	aggaaggatg	gggcataatg	tgactgtaaa	720
ggggcctgcc	atagaaaagt	cacatccctg	agggagacac	tctgtcctca	ttccctgccc	780
ttcctttggg	tgccatatgg	aatggccatg	gaatgcacga	agtcacaatg	caccatccat	840
gagaagacag	tgaaatgatg	taatgacaga	gaaggcagac	aacatgtttc	cgtgactcat	900
ctagtcagag	caattatggg	aaacagcttt	ggtcaacatt	ctactttggg	aagaattttg	960
agtctagatg	tggttaaatt	ttgacttctg	ggaacttggg	tcagatgtcc	ctttcactgt	1020
atgtcctctg	accccttttg	caaggttgcc	acagctccca	cagcccttcc	tacaagcacc	1080
tatcattggg	cttgtcacac	tctattgtct	ttctgtcccg	aagatgcagt	cttctctcca	1140
atgatactac	caagtcttag	ttttcctcaa	ccacactcaa	tctttttgct	ccaccctgaa	1200
ttcctcacac	ctaaccctga	tagttaccta	aagtgcact	taaatgtttc	agagtgaatg	1260
caaaaaagag	agatgtactt	ggagtcggat	atacaattta	tccctaatta	aagcatttaa	1320
aaggaa						1326

<210> 337

<211> 1077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1078)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1077)...(0)

<223> similar to gi5420389 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 337

tttttttttt	ttctgaacaa	taaatgtttt	atttgcttta	aaagtgcctc	tgaaagggcc	60
ccccagaagt	gagcagtgcg	ccgtcaagcg	ggtgtgcagg	gcacacagct	gcacggcaca	120
gtgtgggtct	gagtcactgc	cggaggaggg	accaggggtg	tctggggcgc	agccctttta	180
acaatctgcc	cttcctgccc	tgccaggaaga	acccattctg	aacacaccct	ggctgtccct	240
ggctgcccc	ctttgggggtg	acaaagagga	ggcagccctg	ggctgagtc	acagagacca	300
gccctgatat	ggcaggagt	gggggtgggt	gggggagtg	gaatacagga	gctcagcccc	360
agctcaccac	ggcatccccg	aagagtgtgt	actcagacac	acctgggttt	aagtcccagc	420
tgggggctca	ggtaagtcaa	atcgtcttct	ggggcctctg	tttatcagta	gaaggctcca	480
gaagtataca	ctgttgatgg	ctccttcccc	ctctgatgca	ccatgcctga	ttaagcatac	540
actgagcccc	ctgggtcaga	aatcgtctg	gatgctgatg	tcagcaaagt	cagcccggta	600
gcgggtgggca	tagaggctga	gcaggaaggc	ccacttgaag	gaaatgaagc	tccagacgct	660

ggagaggtag	tagctggtgg	ggtctgtgag	gctctgatgc	cggtgatgg	ccagcacgag	720
gaaggtgcag	aaggcagcga	tggagacggc	cgagaagagg	acgcccacga	agaagaagcc	780
gcgcagcccc	ttgagccagg	tcctccaata	atcttgcag	tacatcacgt	gcgtcaccag	840
gaccacagtc	gccagcacc	ctgcgagccc	tcccatggcc	gcggtccccg	gctgtcggtg	900
gaccacagtc	cagacgagga	agatggagaa	gccggccacg	gagctgatgc	cggagtaggc	960
ggcgcgagg	ccgagctgca	gcctggacgg	ggccatgggg	ctgccgtacg	cgtgggcgga	1020
cgctggtg	gtcccgggcn	ttccgcgacg	gtactcaggg	cgtcaggnnn	ngcaccc	1077

<210> 338

<211> 2355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(1316)

<223> similar to gi733606 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 338

gtccgtgtgg	tggaattcgc	agcggcagtt	cgtggtgagg	gcctggggct	gcgcggggccc	60
ttgcggccgg	gcagtccttc	tggccttcgg	gctagggctg	ggcctcatcg	aggaaaaaca	120
ggcggagagc	cggcggggcg	tctcgccctg	tcaggagatc	caggcaattt	ttaccagaa	180
aagcaagccg	gggctgacc	cgttggaac	gagacgcttg	cagggtcttc	ggctggagga	240
gtatctgata	gggcagtcga	ttggttaagg	ctgcagtgct	gctgtgtatg	aagccaccat	300
gcctacattg	cccagaacc	tggaggtgac	aaagagcacc	gggttgcttc	caggagagg	360
cccaggtacc	agtgcaccag	gagaagggca	ggagcgagct	ccggggggccc	ctgccttccc	420
cttgccatc	aagatgatgt	ggaacatctc	ggcaggttcc	tccagcgaag	ccatcttgaa	480
cacaatgagc	caggagctgg	tcccagcgag	ccgagtggcc	ttggctgggg	agtatggagc	540
agtcacttac	agaaaatcca	agagaggtcc	caagcaacta	gcccctcacc	ccaacatcat	600
ccgggttctc	cgcgccttca	cctcttccgt	gccgctgctg	ccagggggccc	tggtcgacta	660
ccctgatgtg	ctgcctcac	gcctccaccc	tgaaggcctg	ggccatggcc	ggacgtgtt	720
cctcgttatg	aagaactatc	cctgtaccct	gcgccagtac	ctttgtgtga	acacaccag	780
ccccgcctc	gccgccatga	tgtgtgtgca	gctgtgtgaa	ggcgtggacc	atctggttca	840
acagggcatc	gcgcacagag	acctgaaatc	cgacaacatc	cttgtggagc	tggaccagga	900
cggctgcccc	tggctggtga	tgcagatatt	tggctgctgc	ctggctgatg	agagcatcgg	960
cctgcagttg	cccttcagca	gctggtacgt	ggatcggggc	ggaaacggct	gtctgatggc	1020
cccagaggtg	tccacggccc	gtcctggccc	cagggcagtg	attgactaca	gcaaggctga	1080
tgcttgggca	gtgggagcca	tgcctatga	aatcttcggg	cttgtcaatc	ccttctacgg	1140
ccagggcaag	gcccaccttg	aaagccgcag	ctaccaagag	gctcagctac	ctgcactgcc	1200
cgagtcagtg	cctccagacg	tgagacagtt	ggtgagggca	ctgctccagc	gagaggccag	1260
caagagacca	tctgcccag	tagccgcaaa	tgtgcttcat	ctaagcctct	ggggtgaaca	1320
tattctagcc	ctgaagaatc	tgaagttaga	caagatggtt	ggctggctcc	tccaacaatc	1380
ggccgccact	ttgttgccca	acaggtctac	agagaagtgt	tgtgtggaaa	caaaaatgaa	1440
gatgctcttt	ctggctaacc	tggagtgtga	aacgctctgc	caggcagccc	tcctcctctg	1500
ctcatggagg	gcagccctgt	gatgtccctg	catggagctg	gtgaattact	aaaagaactt	1560
ggcatcctct	gtgtcgtgat	ggtctgtgaa	tggtaggggt	gggagtcagg	agacaagaca	1620
gcgcagagag	ggctgggttag	ccggaaaagg	cctcgggctt	ggcaaagtga	agaacttgag	1680
tgagagttca	gtctgcagtc	ctgtgctcac	agacatctga	aaagtgaatg	gccaagctgg	1740
tctagtagat	gaggctggac	tgaggagggg	taggcctgca	tccacataga	ggatccaggc	1800

caaggcactg	gctgtcagt	gcagagtttg	gctgtgacct	ttgcccctaa	cacgaggaac	1860
tcgtttgaag	ggggcagcgt	agcatgtctg	atttgccacc	tggatgaagg	cagacatcaa	1920
catgggtcag	cacgttcagt	tacgggagtg	ggaaattaca	tgaggcctgg	gcctctgcgt	1980
tcccaagctg	tgcgttctgg	accagctact	gaattattaa	tctcacttag	cgaaagtgc	2040
ggatgagcag	taagtaagta	agtgtgggga	tttaaacttg	agggtttccc	tcctgactag	2100
cctctcttac	aggaattgtg	aaatattaaa	tgcaaattta	caactgcaga	tgacgtatgt	2160
gccttgaact	gaatatttgg	ctttaagaat	gattcttata	ctctgaagg	gagaatattt	2220
tgtgggcagg	tatcaacatt	ggggaagaga	tttcatgtct	aactaactaa	ctttatacat	2280
gatttttagg	aagctattgc	ctaaatcagc	gtcaacatgc	agtaaagggt	gtcttcaact	2340
gaaaaaaaaa	aaaaaa					2355

<210> 339

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (403)...(779)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 339

aacgaggtgg	tcaaggaatg	tcaggaaaag	ctgcaggtag	ccctgcagag	gctgataaaag	60
gaggatcaag	aggctgagaa	gctggaagat	gacatcagac	aagagagaac	cgcttgggaag	120
gcaggaggag	acacctccta	agggataatt	agacaggaat	ctgggcagga	ccctgggctc	180
tatcacaagg	agacccttc	ctctttgctg	tgctagaatt	aacaagcata	gaagtcattt	240
gattaggtct	caatttaact	ccttcctgt	tggagtttag	gggctggaga	gtagacatat	300
cataaatcaa	cactatattt	ggaagtgaag	gcatggagg	aaatatctgt	gaaaacgctt	360
cctgtgaatc	ctgtgttcca	tttgtgtcat	caggtttgag	gctccaatcc	ttccagtaaa	420
caccctggag	aaagaccag	gattccctgt	ttaggggggt	tcagtagggg	gatttttttg	480
tttgtttgtt	tgttttttga	gacagagtct	ctctctgtca	tacaggctgg	agtgtagtgg	540
cgcatcttg	gctcactgca	acctctgcct	ccctggttca	aacgattctc	ctgcctcagc	600
ctcctgagta	gctgggacta	caggcatgtg	ccaccatgcc	cggctaattt	tttgtatttt	660
tagtagagat	ggggtttcat	catgttagcc	aggatggtct	caatctcctg	accttgtgat	720
ccacccatct	cagcctccca	aagtgtctgg	attacaggca	tgagccactg	tgcccgcca	780
ggtagaggga	tttaagacac	agaaaggcaa	agttgttcag	gacaggtgtc	tacaatccaa	840
g						841

<210> 340

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2197)...(0)

<223> similar to gill118097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 340

caaaaatttta	tataatttta	caccgattag	aaatactttt	tacaagcaag	cgtaatcaga	60
tagtttttcgc	cttattccag	ataaaaattt	ttttatttcc	attgagcgta	tgatttatgt	120
aggtaggttg	tcccaataag	tccctcccac	agaattaggg	ttcataccaa	aagtcaccag	180
ctaggtttat	atatattacc	atttagggaa	gaaattataa	tattgcaagt	atgggtaaaa	240
tttgggcccc	caaaggggtt	tttaaaaagg	gccccctttt	ttttaagtat	tttttttttt	300
tccctctcat	cccattttat	aaagaaacag	taagaaaaga	tacaatgcag	gaaaaccacc	360
aaccatcctt	gcacaccagg	ccgaacaaag	cacagtgtat	tcttcccttc	atccccacc	420
cccaccctaa	ttcccatatt	cccatccaca	tcagttttaa	ttttgaggtt	ctttgattga	480
ttgggagtag	cagtgaagag	ggagttggat	gagtagaggg	gccttaaact	tggccacctc	540
taagtcccgag	gagaagggag	ctgcaggccc	agtcagtcaa	gcagaaactg	cattcggttg	600
gtctttcttt	gaagtgggtt	tccatctccc	tggtctgtgt	tcaagcccc	agggaaaggt	660
atggcagtag	aggatgacca	ggtccaagct	gcccaggtca	gagctacgga	agcatggtcc	720
gttcaccaac	gccacgtttc	tagagagcag	tgagctgatt	ctccaatggt	gagcagggga	780
ctacatgtga	actgggacct	gcaggccaat	gtatccctga	ggaaaagtcc	acaagaacaa	840
ttcaagaaac	tagtaagaaa	caatgggcag	aaagctgttg	gacgaaagca	cagcaggctt	900
ctgggaggct	ggagatcctt	tctctcaagg	gcaggattat	tcccacctgc	cacagttcac	960
atgccacaaa	taacatctca	ccttcagtca	agaaaaacgc	aaaggaaaaa	gatggctcat	1020
ttgaacttga	gcccagcta	tggtcttcag	actgtagctc	cacaactacc	cttttaccta	1080
agacagcccc	tgccaagaac	cacagtgcct	agaaaccaag	gtggtcctgg	agggaaaatg	1140
gtgtttaagg	gggcaacatt	ccatttggtt	acattgcagc	cattggacct	cctggtctgg	1200
ggaaagcagc	tgggtttgtg	ccagggaggc	tccccactct	aggaaatggg	acgaaactct	1260
tgcttgcagg	gccattcatc	cttggaagg	aaagctgggt	gagaccagg	gtcccagttg	1320
gccttgtgaa	aggagctggg	ttgataccca	cagggccagc	tggagaaggg	cccagatgcc	1380
cggcagctgg	cctggggaaa	gtaacttgac	cagggcctaa	tgggccagta	gaccttggga	1440
aggtagttgg	acttggaacc	tgcaggccag	tggcccttgg	gaagttagct	gggttggggc	1500
caagtggccc	agaggctctt	gggaaaatgg	ttggatttga	gccttgagg	ccagcggacc	1560
tttgaagggt	agctgggttt	gatgccaatg	tgccagaaga	ctgagaaaag	gcagatgaac	1620
ctgctccctt	gggaaaggga	ttggcattta	cccccatggg	gccaactggc	cttgagaaat	1680
gagctgaatt	agggcctatg	gggccaggag	cccttgacat	gggagatgga	tttggccctg	1740
gaaggccaat	tccccgagag	ctaggaccgc	agtttggggc	catggggcca	ggtactcttg	1800
ccatggagga	tgggcttgtg	cccatgtttc	cagaagcctg	tgagaaagaa	gctgaatttg	1860
ctcctaaaag	acctgctgct	cttagaatgg	gggcaagatc	gaggccttga	ggtccagcca	1920
ttcttaagtt	aagaccagat	cctgtgcccc	agaggccacc	tgctctggca	tctagattag	1980
ggcctggggc	caggccactt	ggtcttgggt	tgggcccaag	gcctgggcct	ggaaacacac	2040
ctgacctggg	ggcagggttt	gtccctaaaa	agcctgatct	cagattgggg	tttggctctg	2100
ggcccaggcc	aactggccta	ggattgggag	gaccattccc	agaggttaac	agaacaccgg	2160
ctctcaggtt	aggtccagat	ccagggccca	tgggaccacc	acct		2204

<210> 341

<211> 631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (63)...(633)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 341

ttattcggcc	ctaaatacat	attatgaact	gaattttcag	ttatctaaat	atctcaagaa	60
gacaaaaaga	aaatattaaa	cctggaaaat	gtagaaagaa	gaaattatga	agtagaattt	120
atgtagaaag	cagaatttat	gaagtagaaa	gaaatataaa	tcattcaagc	caatagctgg	180
atttttgaaa	tgactaattg	atgagccctt	ggaaagactg	aatacgaaaa	agagagaata	240
taaaattaac	aatattagaa	atgaaaatag	gaaatcactg	cagaacctcc	aaacaatgaa	300
aagataataa	gagaatactg	tgactagctt	tgttccaaag	aaattaaaaac	attctagaaa	360
caatatagtg	ttagcgaaat	acagtttacc	aaccctaaca	ctagaagtgg	gaaatatcaa	420
ctgtcttata	tttattaaat	gaaatgaatt	tataattaaa	gccttctcac	aaagaagtcc	480
aggcccagat	ggcctcactg	gttaattcca	ccaaacatat	aaggaaacaa	taataccaat	540
cttaaactct	ttcataatac	ttccaactg	attttatgag	gccaacataa	ccctgatcct	600
aaactatgac	aaagaccatg	caaaaaaaaa	a			631

<210> 342

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(407)

<223> similar to gi1335205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 342

ccccagcttc	ccgagtagct	agaagtacat	acatgtgaat	ccagaaggaa	actactagag	60
ttaataaatt	cagcacagct	tcaggataca	agaccaacac	acaaaaatta	gttggttttc	120
tgtacatgta	caatgaacaa	tctaaaaagg	aaattaagaa	ggctattcca	tttaaatagc	180
gctaaacaaa	taaaatgctt	aggaataaat	ttaaccaagg	aagtgaaaga	cctgcatgct	240
gaatactacc	aaacattggt	aaaagaaact	taaaaagacc	taggtaaatg	gaaagatcct	300
tagttcctgg	gtcggcagac	tcaatattgc	taaaatgcca	gtcctattca	aaacaatcta	360
cagattcaac	acaatcccca	tcaaaattct	gacaaccatt	tttcccccca	gaaatagagg	420
aattccacca	catggactag	tgtcatcgat				450

<210> 343

<211> 655

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(655)
 <223> similar to gi4959382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 343

ggacacataa	tattccctcc	tacactggga	aaacaaaaca	gtagggctag	ccaactaacc	60
tcaacccatc	ccttccaacc	actcaccggg	gcggccctgt	cttcctctct	ctccgcttgg	120
cgatcagaaa	acaagatcct	aaagcccctc	tttgccaaaag	acctccaatt	ttgccttcct	180
agccagggca	tattctttct	ctgtggcact	tccacctagc	tctgcttacc	cactaactgg	240
acaggaacct	gcacgctagt	cttccttagt	ccaaaaatag	acatagcccc	tggggataga	300
cccttaccct	tccaaattca	aacattatcc	cgcagacgct	gagccataca	gcttataccc	360
ctgctaatag	gggtaggcat	tatggcagct	gcacgaacta	gagtcgcagg	aattgcaacc	420
tctacctatt	actacaaatc	cctatccaag	gacctctctg	ataaactga	tgacctagca	480
tccactgtat	caaccctcca	ggcccaacta	gactccctag	ccgcagtagg	tcttcaaagc	540
cgcagggggc	tcgatttact	taccgcagaa	aaaggaggta	tctgcgtctt	cctagatgaa	600
gaatgctgct	tctatttcag	tcaggcctgg	ttcaagatgc	agttaaaaaa	ttaag	655

<210> 344
 <211> 1202
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1160)...(2)
 <223> similar to gi30041 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 344

tggcggcggg	tcggggcgag	aggctgaggg	gatctggcgg	tggagcgcta	ggatcagacg	60
cccccgcat	gaccagctcc	cccgtctcca	gagtcgtgta	caacggcaag	aggaccagca	120
gccccgcctc	cccaccagc	agcagcgaga	tcttcacccc	agcccacgag	gagaacgtcc	180
gcttcattta	cgaagcctgg	caggggtgtg	agcgagacct	gcgaggccag	gtgccgggtg	240
gcgagcgggg	cctgggtggag	gagtatgtgg	agaaggctcc	taaccaccagc	ctgaagacct	300
tcaagcccat	cgacctgagt	gacctgaagc	gccggagcac	gcaggatgcc	aagaagtcct	360
agagcgcccc	gtgcccctcc	ccggcctccg	gaagatcagg	gtgcgagggtg	tcggttccct	420
cctgtcctgt	ggtcctgccc	ctgggatggg	ggtgccttgc	tccagcgggc	tgcatatccc	480
agcactggcg	tgactgacgg	ctgaggcctg	cctctccttc	ccaagcccc	ttccttcac	540
cttgggggtc	tcaggctgcc	cccatcatgg	gggtctgggc	cctgcccacc	ctcctgcct	600
cccccagcca	cctggctgca	tttttgaagc	tgccctggccc	ccagggggccc	tgacctgacc	660
tctctcctct	cccctacccc	tctgcccct	ggccactgca	ggatcaggag	gggagaagaa	720
ggagcctctg	ctgcctccca	ggctgctggg	actgggctgg	ttttgtcctt	gaagtgggtca	780
ggatacagga	caagggcagc	cccaccccat	ccagcctggg	ctccccgcag	acccttgctg	840
ctcccgtggc	ctggacacgc	tggggagctt	ctcacacct	cccctaccgt	ccagcctggc	900
ctcttcctct	aatcagcttc	aagatggcac	cagctctttg	ggcctaggat	actgccgggc	960

cccccaaggg	ggtccccagc	aaccaggcct	ggcctcctgg	tgtctgcggt	cacagtggcc	1020
cctgggcagg	ggcaccagc	ctgaccctga	ggtgctgctg	ctgggtctgt	cttggctctg	1080
gggtgtgctg	ggagggtcac	caggctccct	tcccttcctg	tgccctctga	aagctaagtg	1140
tctgtgtggc	tgtggagctc	gagggtctgt	gaataaaggc	ggcggcactg	ggaaaaaaaa	1200
aa						1202

<210> 345
 <211> 664
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (121)...(665)
 <223> similar to gi4539527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 345						
tgaggctggg	gcaagccttt	taaggactgg	accacgggtg	ggcaggatac	cgggggagaa	60
cccgccctgt	tagttggggc	tggggagggc	cgcgcaccga	gactaaattg	tccttcggg	120
cagatccgct	caccaggccc	tggcgacctg	agcatctacg	acaactggat	ccggtacttc	180
aaccgcagca	gcccggtgta	cggcctggtc	cccagagcaa	gacttcagcc	aggatctacc	240
ccacctacca	cacagccttt	gacacctttg	actatgtgga	caagtttttg	gacccgggtg	300
aggagggaga	caaggggcat	cctgagacca	ggacaggaga	ggctgaagac	tgagccctgg	360
ccttgtcacc	ttgccgcagg	cttcagcagc	catcaggctg	tggcccggac	agcggggagt	420
gtgattctcc	ggctcagtga	cagcttcttc	ctgcccctca	aagtcagtga	ctacagtgag	480
acactccgca	gcttcctgca	ggcagcccag	caagatcttg	gggccctgct	ggagcagcac	540
agcatcagcc	tggggcctct	ggtgactgca	gtggagaagt	ttgaggcaga	agctgcagcc	600
ttggggccaac	gcataatcaac	actgcagaag	ggcagccctg	accccctgca	ggtccggatg	660
ctca						664

<210> 346
 <211> 1495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(1495)
 <223> similar to gi3928756 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 346

ggaattcgag	gcgggggcag	cctcgccagc	gggggccccg	ggcctggcca	tgcctcactg	60
agccagcgcc	tgcgccctcta	cctcgccgac	agctggaacc	agtgcgacct	agtggctctc	120
acctgcttcc	tcctgggcgt	gggctgcccg	ctgacccccg	gtttgtacca	cctgggcccgc	180
actgtcctct	gcatcgactt	catgggttttc	acggtgcggc	tgcttcacat	cttcacggtc	240
aacaaacagc	tggggcccaa	gatcgtcac	gtgagcaaga	tgatgaagga	cgtgttcttc	300
ttcctcttct	tcctcggcgt	gtggctggta	gcctatggcg	tggccacgga	ggggctcctg	360
aggccacggg	acagtgactt	cccaagtatc	ctgcgcgcg	tcttctaccg	tcctacctg	420
cagatcttcg	ggcagattcc	ccaggaggac	atggacgtgg	ccctcatgga	gcacagcaac	480
tgctcgtcgg	agccccggtt	ctgggcacac	cctcctgggg	cccaggcggg	cacctgcgtc	540
tcccagtatg	ccaactggct	ggtgggtgctg	ctcctcgta	tcttctgct	cgtggccaac	600
atcctgctgg	tcaacttgct	cattgccatg	ttcagttaca	cattcgga	agtacagggc	660
aacagcgatc	tctactggaa	ggcgacggt	taccgcctca	tccgggaatt	ccactctcgg	720
cccgcgctgg	ccccgcctt	tatcgtcac	tcccacttgc	gcctcctgct	caggcaattg	780
tgcaggcgac	cccggagccc	ccagccgtcc	tccccggccc	tgcagcattt	ccgggtttac	840
ctttctaagg	aagccgagcg	gaagctgcta	acgtgggaat	cgggtgcataa	ggagaacttt	900
ctgctggcac	gcgctagggg	caagcgggag	agcgactccg	agcgtctgaa	gcgcacgtcc	960
cagaaggtgg	acttggcact	gaaacagctg	ggacacatcc	gcgagtacga	acagcgctg	1020
aaagtgtcgg	agcgggaggt	ccagcagtgt	agccgcgtcc	tgggggtgggt	ggccgaggcc	1080
ctgagccgct	ctgccttgct	gccccaggt	gggcccgcac	cccctgacct	gcctgggtcc	1140
aaagactgag	ccctgctggc	ggacttcaag	gagaagcccc	cacaggggat	tttgctccta	1200
gagtaaggct	catctggggc	tcggcccccg	cacctgggtg	ccttgctcct	gaggtgagcc	1260
ccatgtccat	ctggggccact	gtcaggacca	cctttggggag	tgtcatcctt	acaaaccaca	1320
gcatgcccgg	ctcctcccag	aaccagtccc	agcctggggag	gatcaaggcc	tggatcccgg	1380
gccgttatcc	atctggaggc	tgcagggtcc	ttggggtaac	agggaccaca	gaccctcac	1440
cactcacaga	ttcctcacac	tggggaaata	aagccatttc	agaggaaaaa	aaaaa	1495

<210> 347

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (128)...(740)

<223> similar to gil60182 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 347

tttttttttt	ttcagttgag	cagacattta	ttaagcacct	atcaagtgca	aggcactgtg	60
ctaggcgccg	tgggaaatac	agagaacaca	ggcggtccct	gccacgagg	agctcacagt	120
ctagaaagg	cagcaagaca	gtacacaatc	agtggcagca	gcaccagcca	gagtggcaag	180
tgctcaaagc	gagacacaaa	gtgctgtgcg	gtcacacat	catggggatg	cttctggcag	240
aagcactgga	aaggagacga	ggactcaggc	tgggccttcc	aggagggaag	ccatttggga	300
gaagggcatc	tctagcggag	agaggtccat	ctgcagagcc	cacaggtcat	gggaaacatg	360
tggctgcagg	gagagtttgg	ggacagtcaa	gtatggctgg	gaggtggaca	gccacggaca	420
ctaagctcag	gagatgtgaa	ctttgtggtc	tgggtcaaca	gccactgcag	atcacttcgc	480
aggaggagg	gtgactagaa	gtatgttact	ggaaggtaaa	tctggccaca	ctgcagcatc	540
tggacggcag	agggcagcgc	tgggaggggc	cagccagtta	gggccccacc	accctgggt	600
gtctgagagt	gggagtagcg	ggcaggggccc	agcaaagcac	gagggcagag	caggggacca	660
tacggagggt	gggtgtggaa	gaagggagg	gccccatgca	agctgcaggt	ctggggagcc	720

tgaggatgtc atagggcttc ctggtagagt ggaaagtgca ctcctgaagg tcagggccag	780
tcactacaga gaggggacag cgaggagagg gacggtgtgg ccctaagggt gactgcagtt	840
tctcaacatg tggtc	855

<210> 348
 <211> 2198
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(2115)
 <223> similar to gi3153821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 348	
accgggtcga cgatttcgtg ggagcgtgag cgagccaagc gggacgagaa ggaccggcag	60
caccgtgacc gcgaccggga gaaggagcgg gagaaggaga aggggaagcc caagccccgc	120
tccccgcagc cgccaagccg ccaagctgag ccaccaaaga aggaggctgc caccacgggg	180
ccgcaggtga agagagcaga tgagtggaag gacccttggc gccgatccaa gtctcccaag	240
aagaaactcg ggggtgtcgggt ctccccgagc cggggtcgaa ggcgtcggaa aacatcaccc	300
tcgtcagcct ctgcctctaa ttccctccagg tcgtcttcgc ggtcatcgtc ctactctggc	360
tcgggtcctt cccggtcgcg atccccgtct tcatectaca gtcctactc cagccgctct	420
tccagacaca gtcgtttctc aggaagccgg tccaggtecc ggtccttctc ttctgtccccg	480
tccccgtccc caacaccttc cccacataga ccttccatca gaaccaaggg agagccggcc	540
ccgccgcccc ggaaagcagg agagaagtca gtgaagaagc cggccccgcc tccagcccca	600
ccacaggcca ccaaaaccac tgctcctgtc cccgagccca ccaagccagg agaccctcgg	660
gaagccagga ggaaggagcg gccagccagg acccccccca ggaggcggac gctaagcggc	720
agcggcagtg gcagtggtag cagctatagt ggttcagct cccgatccag gtccctgagc	780
gtgagcagcg tctcctcagt gtccagtgtc accgtcgagca gcagctctgc acacagcgtg	840
gactcggagg acatgtacgc agacctggct agccccgtgt cctcagccag ctctcggtcc	900
ccggccccag cccagaccag gaaggagaaa ggaaaatcta agaaagaaga cgggtgttaa	960
gaggaaaagc ggaaaaggga ttctgtccaca caaccaccca aatctgcaaa acctccagca	1020
gggggggaagt cctcccagca gccctcgaca ccccgagcagg ccccccccg gcagccccag	1080
cagggcacat ttgtggccca caaggagatc aagttgacac tgttgaataa ggcggtgat	1140
aaaggaagca ggaagcgcta tgaaccatca gacaaggaca ggcagagccc tcctccagcc	1200
aagcggccca acacatcccc agaccgaggt tctcgggacc ggaagtcagg tgggagactg	1260
ggctccccga agccagagcg gcagagaggc cagaactcca aagcccctgc agcccgggt	1320
gacaggaagc gccagctgtc accccagtc aagagctcca gcaaggtcac gagcgtgcc	1380
ggcaaagcct cggatcccgg cgccgccagc accaaatcag ggaaggccag cacgctgtct	1440
cggcgggagg agctgctgaa acagctgaag gccgtggagg atgctattgc acgcaagcgg	1500
gccaaagatcc cggggaagc atagggcgtg ccccgaccgg actggacgca tttttataca	1560
tagggtaagc gcagccattt tggattttgc agttaatgtc ttattttggc tgtgattctt	1620
tttaaaaagt aaaaaagaaa aaaaagtttc tcagctggaa aagaagccac acaggaaatg	1680
acaacgacgc tgaatcccag cctccctccc cagagcagaa gtcccgcagg acagacagac	1740
acagacagcg ctagtgaaca gcacggttct catgtaaatt acaagcccca gccgccagcc	1800
cgccttctc ttctctctcc tccgtctctc tccctggccc tggtcaggcc tgtggagccc	1860
cagctctggg tccctagccc ggggtccaggc agccaggctc cctcctgagc tgagaaacgg	1920
aacctcgcga accactgggtg gcacatcctt ctctcccccc gccctgate acccgcccc	1980
ggatcagaaa tatatctata ttctcgacta aagtctcctc aggaaatatt tcctgtcttt	2040

tattttaagc	atcaaattgt	tttagttgat	ttaaaaagga	aaaaatacag	aaaagaccaa	2100
aaaaaggcca	agggtgttgt	tggggcgtct	gtctaattgtg	gtgggtcttt	ttttgagggg	2160
tctcctaaaa	taaaatattt	tgataagcaa	aaaaaaaa			2198

<210> 349
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (104)...(491)
 <223> similar to gi3599339 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 349						
gcggagactg	gttccccccag	tgctcctccag	gctgcctctt	tgaagtgtgg	gggcatggca	60
gcattgtaaa	gtgtggctgg	tacaaaccaa	ataaacctta	agtttaattt	ggagtgggaa	120
gaacagaatc	attaaaacaa	tcttgaaaaa	ggaagacaaa	gttggatact	taccctacct	180
gactttaaga	cttacagtga	agctgccata	ctcaagacac	tgtggtactg	gcgaaaggag	240
acacaaatgg	atcaatggaa	aaaaatggaa	ggccaagaaa	tagacccaca	catacatggt	300
caaatgattt	cgacaaggac	acctcgacaa	ttcgataggg	aaacagcctt	gacctgtact	360
ttactaaatg	tacaaaaatc	aattcacggt	agattgtaga	gctaagtgtg	acagccagag	420
ctacaaagct	agtaaaaagaa	acatggggaga	atagctttgt	gacattggga	taggcaaaga	480
tttcttaggg	ataatccaga	aagtatgac				510

<210> 350
 <211> 883
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(884)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (168)...(879)
 <223> similar to gi193573 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 350

agaatgtctg	tgggacgcca	gggcgccacg	agggtctgta	cagccctgct	gtatggccag	60
gtctgcccct	tccaggacag	caactgatggc	ttacggtagg	gtggggctgt	cctccaaact	120
ggcagcaaca	ggccagggac	ccagaaccan	gcagggtg	cctggagggt	tgtgtgggag	180
aaggccaggc	ctctgactca	gctgtctact	ccatcaccag	caccatcacc	tccattttgt	240
tcaactggcc	ccccgaaan	acttcagttt	actatcagcc	cccgaacgg	tcattcttcc	300
ggataaagct	ggccttcagg	aacctctcct	ggcctggact	gggcttggag	gaccatcagg	360
aaattgtcct	aggccagttg	gtgcttccgg	agcccaacga	ggccaagcca	gatggtgagg	420
gggcttgca	tctgcaagac	tttccggggg	tgggtgtttg	gggctacaat	tcccttaa	480
tccaccgggt	catttctgtg	cttggaacac	ccagtgaac	atgactgggt	tggtgacctt	540
ttctcctttt	ccagatcctg	ctccacgtcc	tgggcaacac	gcattaacaa	tgccggccct	600
ggagccagca	ccaccactgc	tggcgagcct	ggggcctgct	ctggagccag	agtcacctgc	660
agccctgggt	ccaccaggat	atctacattc	agcaccaggg	ccagcaccag	caccagggga	720
agggccccct	ccagggacag	tgctggagcc	acagtacagc	ccagagtcct	cctgtccctg	780
tcgtgggtct	gtaaaagaacc	aaaccagtg	ggagctgcct	gacatgacga	ccttccctcc	840
caggctgctg	gcagagcagc	tgacctcat	ggatgcgacg	aaa		883

<210> 351

<211> 1115

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (406)...(1112)

<223> similar to gi557084 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 351

tttcgtagga	ggagctggcg	tgggagaccg	acggccgtga	gtctgcctgg	aggagggagg	60
ggggcggggc	gaggccgaga	ggacccccgc	atccgttttg	ggagtgccag	gggtgaggtt	120
ggcgccctcc	gaacggccac	ctccgtgtgg	ggcgctctgt	tggctccgag	cggaatgggt	180
accggtccgc	gactggggcc	gaggggacct	tgccagtgcg	tctgggactc	ggggaccaca	240
cccgccaggt	gagcggggag	cagcggtga	gaggttagct	acaaataata	aaggtaatag	300
cgatccttga	ctgcgtgctg	tactttgtgt	gccaggcctt	gaccagggag	aggcacgtca	360
tttgatcttc	gctgcggcca	tatggtgctt	cctctggaga	ggcagctcca	cgaggccgcc	420
cgccagaaca	atgtcggcag	gatgcaggag	ctgattggga	ggaggggtta	caccagggcc	480
agaaaccacg	tgggcagggt	ggccctgcac	tgggctgcag	gtgcagggca	cgagcaggct	540
gtgcgtctgc	ttctggagca	cgaggctgct	gtggacgagg	aggatgcggt	aggggccctc	600
acagaggcac	gtctgtgtgc	ccttggctct	ctccttgect	tggccccagc	ctctgcttcc	660
ctcctctctc	cagtgtgtgc	cttgtctgca	ccaccgcct	cctgcctcca	aattcccgcc	720
tgtttctaaa	gcaaagcagt	gcaactctct	ttggatgtc	gggagcctgc	tgatcatttg	780
ggatgaatgc	gcttctcctg	tctgcctggt	tcggccactt	acgaatcctc	cagatcttgg	840
taaaactcag	ggccaagatc	cactgtgaga	gcaaggatgg	cctgacctta	ctgcatgtgc	900
cagcccaaaa	aggccatgtg	cctgtgctgg	cgttcataat	ggaggacctg	gaggatgtgg	960
ccctggacca	cgtagacaag	ctggggagga	cgccgtttca	cagggcagct	gagcacgggc	1020
agctggatgc	tctggacttc	ctcgtgggct	ctggctgtga	ccacaatgtc	aaagacaagg	1080
aggggaacac	tgcccttcat	ctggctgctg	gtcgg			1115

<210> 352
 <211> 1447
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(1443)
 <223> similar to gi2443342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 352

gaggggtgagg	cagccccccag	gtctctgggt	caggcggacg	gtccctgcaa	tgcagtgcc	60
ggcaggactg	agcagggttc	ccggggtcgc	cggtagccat	ccctcccaag	cttccggggg	120
ccccgggacg	aagccgctca	cagaggcacc	attcagacg	ccagacacac	acgaaagctt	180
tatgtgcagg	gcccagcctc	tgggccgccc	ttgccagg	tttccactca	agttgctatt	240
taggatgaaa	agcctttggc	aagaccctcc	gccgcactaa	cgcccccttc	ccccagggcc	300
agaaacccgc	agggaaagca	gccccaggac	ctgctgcagc	tggcaggggtg	gctatgagac	360
tcaggacacc	ctgggctcct	ggccagtgac	tcacagcgg	cctccagcaa	gggcagtggc	420
tgggagacac	ccgtgccgtg	gagctaggcc	cagcctggct	gggtctcagg	gctgcttctc	480
ttgggtgacc	ccagcggccc	agggtcgttg	tgaagatcaa	cgtggcttgt	gggaggagcc	540
cggggccccc	aaggaagtgg	ggtcaggggc	tcaggctggc	cctcgggctg	ctctgacatt	600
gggtgggcac	tcgctggatg	gaatcacagt	taacacctcg	atcccaacac	ctggactcag	660
aagtggacag	gcgagtgcct	gcccggggag	aggaaggagg	tggcacctgc	tcccaggggc	720
cccactgcag	agcacggcca	ctgtgagctg	acgacagaat	cacagtacag	caataatgtc	780
cctatcctct	tccagaacct	cagtggggcc	ctcaggtcac	gcaggacgga	gccagctggg	840
tgggtcccac	caactcggca	tgaatgagac	gacggatgaa	ccgcagcccc	agcatcagga	900
ggggcgccctg	tgtcaacacc	cacgtgggct	gggaccccg	gaatgccagt	ctggggccga	960
cggaccccc	gggaaagcct	gggtgcaggc	caccttgtgc	gctgcccagg	cctgcaggcc	1020
ccgagaggtc	agcctgagga	ggcagcctcg	gctgcgggta	atgctgcctg	cttcatctgg	1080
gccacctccc	gctccaggtc	ctcgccggct	cgtgcagga	gtcacacct	ctgcctcagc	1140
acgttgcccc	cctgctgcag	ccgtgggttg	gcagccacgt	aggcccggct	ttgctggtag	1200
agctgctctc	ccggggcctc	cgcctcctcc	atcctcctga	agggaactgg	ggggctcttc	1260
ggggccagga	tggatgaacac	tggatcctct	gccggcgcac	cccgcacatc	ctccaggatc	1320
tgctccaccg	tggggggcgc	tgggcgggtg	ggcagcagca	cgcgcttctt	tgcttggag	1380
cccctctctc	tgctcagtt	tccccgcggt	caccccagtc	gccggcctct	tcccacctgg	1440
gcgcggg						1447

<210> 353
 <211> 640
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(609)
 <223> similar to gi467528 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 353
gcgggtgctca aggtgcgggc cgagcgcagc cggcgcgagc gcacccctcac gctggagtc 60
atgaacccgc aggtgaaggc ggtggagtac gccgtgcggg gacccatcgt gctcaaggcc 120
ggcgagatcg agctcgagct gcagcgggct ggagtgcagt ggtgcagtta tagctcactg 180
tggcctcaaa ttcttgggct caagtgatcc tcctgcctca gcctcttcag aagctaggac 240
tacagggtat caaaaagcca ttcacagagg tcatccgagc caacatcggg gacgcccagg 300
ctatggggca gcagccaatc aacttcctcc ggaggtgat ggcactatgc acctacccaa 360
acctgctgga cagccccagc ttcccagaag atgctaagaa acgtgcccgg cggattcctg 420
caggcttggt ggcggggaac agcctggggg tccttacagt tgcttagcca ggggttttca 480
acttgcatc cgttgaagat gttggcttgc cttacattca ccaggaggga tggccggtgt 540
gcctgcggac cccgacaaca tctacctgac cacgggagct agtgacggca tttctacgat 600
cctggagacg tctttctttg tgccttgatg ttgagagcgc 640

```

<210> 354

<211> 912

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(43)

<223> similar to gi3327136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 354
aggagctggc tagtcaggaa cttattcatt aaccaccaa cctctacctc ttctctcctt 60
gactgtcacc tgtaggacag tttatcagtc aactaccttt cctccagact ttacttccag 120
gctctcctct tcagtagctg gatgacttta gcagaaagga ctggtaaata caagccttgg 180
gtttcagaat gaattagaaa caaataactc ttactgtctt ccctcccagc tttgtttatt 240
ttgtgctttt agacttttca gtgttttctt ttccagccc actgtataaa cttggattgt 300
ccattcctcc tgaagaaatc aagttggtat ttttgatgtg gaaaaggga caaaagtgga 360
aacatggcta cttttgggga gtgatatttt aaaaaataag ttgtctatgg gcacaaagtt 420
ttcttcattt gtgtagcaaa cttcttgatg atgtggatta caaatggta taattgtgct 480
actctccctt ggggtggttg cagccctaata gaaattatgt ctaggatgat tcagtcatt 540
tccattttac tagcagagta acttgtaag atcagctggc tttcttgta aagttattta 600
agttttgaat gctctactac ttcaagtctt taaatttctt gagactagaa taattttaaa 660
taatgatgacc ctttgtcttc taatgaaata aagattgaag aggttgagtc aggactgagc 720
tggatgaaga atcttggtgg tattctggaa atttgatagc gagagaactt ggtgagctat 780
gaattactct cagtctcctt tttacagggt tgttgatgac cctcttttcc agaaaattct 840
gtggaatgtt tctgtaggac tttgttctcc acaagcttga attaaagcag gattcagttt 900
gcaaaaaaaa aa 912

```

<210> 355
 <211> 1392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1393)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1336)...(271)
 <223> similar to gi2317934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 355

tttttttttt	ttnnacaata	gtccatatat	ttattcttaa	gcaagttatc	aataaaaaat	60
ttgatactaa	aatgccttta	catagagtct	gctgttcata	aaacctttgt	gtgttttttt	120
gtccattttg	tttttagtgt	ttacattgaa	aaaaaatcca	accatcccct	tagtttacac	180
atttacagga	atcgtgcctt	cgtcacgtta	accacggtga	gaggggaggg	gccgcaccat	240
tcgcacgcac	acagaaaaaa	aaaggaaaaa	accagggaca	aagcggaaac	cagcagaagc	300
gggacgagga	cgaggcggcg	gagcagagga	tccaacctcc	gtggctgcac	cctcctcggc	360
cctctctgga	actccagtgg	ctcagcatgc	ccccgtgcat	ttttcttcac	ttgacatcgt	420
tctgatcccc	gagcctcaag	caggacctcg	tccaaccacc	tccccagaca	tccaccggga	480
atgaaatatt	gcactcatgc	gagacaaagg	gtaggctcgg	gggtgggagc	ggggggctga	540
aggcggggac	cnccgaccac	aacataagcc	cccagccttg	agcctcctgg	ggagcctctg	600
ggaacggccc	ttcagggggg	ccagccagca	ggtgagaaac	aggccccaat	gggcccagga	660
aaaatagggg	gccaagggga	cctgggattg	gggtgcaggg	caccaccag	caccctgctt	720
cgaggcctgt	ggtgtggggg	acacagagct	cgtcctagag	cagtggctaa	cttggggggc	780
tttcctgaag	ctcccgtggg	gccaggggaa	ccttagtgtg	ggaggatata	aggagtgtgt	840
ggccccccat	gcgtttctga	ggctgaaggc	tgttgggctc	aggtccaggc	agcctgtctg	900
tccttggtctg	tgggagaagg	ggaggggtgt	gaattccctg	gggatactgg	ggcagagccc	960
tcgaggggtg	ctgcttgcac	ctggggccag	gatttgggct	caggtgggtca	gggggaccct	1020
cattctatgc	cccaagcact	agcccatcag	gccatctgcc	ccaccaagtg	gcacagaaaa	1080
ggccgagaaa	cctccaaagg	ggttggggca	ggcagagggg	tccgagggcc	aggcagattt	1140
ggctggtgga	aaagggggcc	cagaaagggg	ccttccccaa	gggcagggcc	tgcgttttat	1200
tttcttctcc	cctggccaca	gcactgctgg	cctggcctca	ccaccatcta	cgcajcaggc	1260
caggggtttg	ggggcaccaa	taaggtgggt	gggaaaaggg	gtgtcttttg	catgcattct	1320
gcttgggggt	gaggagagaa	tctggtggga	ctgtgaacct	gccctcatag	gccccgagcc	1380
ctgcccagtt	ca					1392

<210> 356
 <211> 908
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (908)...(2)

<223> similar to gi439877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 356
aagtacaaaa gatttaaatt ttgatgaagt caagtttttc tgtttttctt ttttcacttt 60
atgatttttaa tattatatct aaaaaggcct aatgttgaga agctttactc ctatgttttc 120
ttctaaagtt ttatagttta catttaggtt tatgacccat cctcacttta agtttttagca 180
tatggtgtga ggaagggtt cattttcatt cttttgcatg tagatgtctg gtagttccag 240
taccatttgt tgaaaagaca gttctttgta cattgaattg tcttggtatc cttgttgacc 300
tctcatctgt ggccccattc ctggctctag attctctcct tcattttttca tttatccaaag 360
gatctgtgag tttagtttaag tcacttttcta aggctgctcc ttttgcccat agttctctcc 420
cattagtcaa aaatagttat tgaacattat ttattgagtg ttccagtaaa tgatagggca 480
atgaacacac acagtgtccc tactcttggt gtgttacggt ataaaaatact tcagagtttg 540
tagatgaaac ttaatttttt tggtgtgtct tttcttagaa accagtattt aaaaatctga 600
atatcaaaaa aaaaaaaccc tcttaaaagg ccagtaattt aaattttttt cattttaacg 660
gggattaaaa aaaataaatt taaaattttt ttttttttgg gggcaaagtt tggctttttg 720
gccaaaggtta aaggccaggg gggaaatcta atttaatgga accttccgcc tcgggggttaa 780
aacaattttg ggggcctaac cccccgaaa actgggaaca acgggttggc cccccaagcc 840
ccagtaaaatt ttggattttt aagtaaaaac ggggttcccc cttgtgaatc aggcgggtct 900
aaaacccc                                     908

```

<210> 357

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (725)...(996)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 357
atctcctggg ttttaagcaat ccgcccactg cagtctccca aggttctggg attacagatg 60
taagctacca agcctggcct tgtgggtgga ttttaaggat tccttaatat cttcataaaa 120
accaagaaac tttttactca aattagcaaa ataaattgaa ttttatgttg gttctcatat 180
agtggatagt ggacacaatt caattagttg cctcatatga tttataacta agatacctct 240
tagccataaa tggagtatct tattgacaat tttgaagcat ttccacagat ttattcattc 300
atttatatga aatatttcaa aacaaaaata tttactgagt ccttatttga aactttttat 360
tttcttcaga gcatttatat ctatatagca ttttgctcat ttacatgttt gtttattact 420
atgaacagat acacaagatc ccacctttcg tgaagcttac attctaggaa gataacaaac 480
ttgtaataaa gtgagcaaag taatttcaga tacatattat cagttcaatg aagaaagtaa 540
aacatgataa tcatgtaata gaagctgctc agcaacttca gagctatggt cagggagggc 600
ctggggatgt gtgtttgacc tgggaagacc tgggaaaagg caggcagagg aggcagagga 660
ccatcaagtg caaagactct aagggtgaaa cacatttggc aaattcaagg aatataaaaa 720
ccgccaacgt gtaaaagaaa acatagggga aaagcttcat gacactggcc ttggcaatga 780
tttcttgga atgacaccaa agaccaggca acaagaccaa aaataaacac atgagactac 840

```

```

agcaagcaag cttccccaca gcaaaggaaa cgattaacag agcaaaaagg caacctatgg 900
aataggagaa agtacttgca aaccacatac ctggtaaggg gttaatctcc aaaatacata 960
aggaatatct gcaactcaac aacaaaaaaa cctgat 996

```

```

<210> 358
<211> 935
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (13) ... (935)
<223> similar to gi2689442 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 358
cggacgcgtg ggggaaaatt ctatagccac aagttcagcc ttatcaatca ttggcgtgtt 60
cacactggag aaaggcctta tgagtgcagt gaatgtggga aatttttttag ccaaagctca 120
agcctcatgc aacatcgaaa agttcacact ggagaaaaac cttttaagtg caatgaatgt 180
gggagattct ttagtgagaa ttccagcctt gttaaaccatc agagggttca cactggagca 240
aagccttatg agtgcagga atgtgggaag ttttttcgcc acaactccag tctttttaaa 300
catcgaagga ttcacactgg agaaatgcag tgattgtgtg aaatccttta gccagcgttt 360
caacctcatt caacaccaga aagttcacag tggaaaaaat cttgaaggta acagatggaa 420
atccgttagc cacacctcca gtctcattca acactggaca gtttacaatg tggacaatgt 480
agtgaatatg gaaaaagggtt tcagccaaag gcctaaccct attcaacacc agaaagttta 540
gaatggagaa aggccttagg gtgacagggt atgtactgtc tctgaatcaa tatgacctca 600
cttaaaacag aaactctgag gatggccttt atgaggggagc tggcaattga acatcattca 660
tctaaatatg cacactggag gcaagatgag aattcctgac agattgtcct tcctgagaag 720
acagccctct gccttggagc tccagagaga gggagccctg tattcttggc tgtaccctgc 780
gaatggagtt ttgatctcgc tgagtttgga gttgggggag gaaaggagtg gtcttgggtc 840
aaatgtgact cacttttgct gttcttgtga atgtagatc ttctttaata aatattttatt 900
tcccatacac ccttatgacc attaaaaaaa aaaaa 935

```

```

<210> 359
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (230) ... (727)
<223> similar to gi4101720 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 359
ggagacgaat ccatggccaa gaatgcagac tgggaaaacc agctaagcca ggcgcgcaag      60
gagttggaga ccctgcgggt gaggtgggg cggttggtag gccaggcgcc caagaacagg      120
ccagctgagg cttctaggct tgacatctcc ctccaccccg ggaagaagat ggaggcttgg      180
tgccaaggag cctgctggtg ggcactgacc cctcccgttg ggttcgtagg agcgtctcag      240
cgaatcgacc gccatgggcg cctccaggcg tccccagag cctgagaaag cgctccccgc      300
tgccccgacg cggccctcgg ccctggagct gaaggtggag gagctggagg agaaggggtt      360
aatccgtatt ctgcgggggc cgggggatgc tgtctccatc gagatcctcc ccgtcgtgt      420
ggcaactccg agcggcggtg atgctccgac tccgggggtg ccgaccggct cccccagccc      480
aggtgcgcag gagcttcagg ctggcgggga tgcggggcag ggtctggagg ggagcccagg      540
ggcatctgtg gcgggcagag ttgggcgagg gaggtttgga ttgtaggctc ggctcaggta      600
ggagcgcgat cgtagagcgg agaggcggag aggggcccac ccaagtcaag gagctgactc      660
gcgcctcccc cacgccgcgc cctcgtctggc tcagatctcg cacctgcagc agagccggct      720
cccgagcag ac                                     732

```

```

<210> 360
<211> 1031
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (361)...(1016)
<223> similar to gi2388676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 360
tgctacgtgg aaagtctcag atgtattacg cctttgctca gcttaccatg aacacttcct      60
aatgtaatat cccagcagc agaagacaga aatgatgatt ctgtataaag atacttggct      120
ttcagcaaac catcttcggg agatacagta acagaacttc cctgcagttt atctatggtc      180
acagcacttt tatctgatgc atgaatatct atatttccat aaactgttcc cagacagatc      240
acttcgctc cttttgtttg aacatgcaat ttttgaccct taacagactg caagatacta      300
gtcccatgct ctgtttcaat ttgcaatta tcaccctcaa tactttgaac ttttacacag      360
ccagaccctg atgacttgat atctaaacct ccacggacgc ctgggggtgg atagtatcag      420
acacaatggc catctcctcc agatcctcgt cgtacttcac ctgcaggccg tccaggcccc      480
gcacgcgcgc ctccacgcgc cacaccgcga ccagcacgcg gtcgccatcc gggtaggtga      540
gggggtccag gggcctcacg gccagggtgg acgggagccg cgcccgcagc cgaccaaacy      600
ggctcacctg cagtgtccac tccttcagag ttccggcgcg cgggccaggc ggagggacct      660
cagtctccga tccggggccag cgctcgtccc cacctgagct gtacggcctg gcttggcaag      720
cccagcaagc ccagcgccca gcgccagccc acagtccgac ctgacggaga cagagacgga      780
agcagccaag ctcccaacct gagcaggggg caagcatggc gcgcctctct cgccagtcct      840
cagaacactt cagccacagg gagggtcact tgccacggcc aatcgacttg gccactgtgc      900
cgctcaagt caaataggag acgtaagtca gggtttgctg aaacaagagc gagccggttg      960
gcttgactag gcgttctaaa catcagccgc gcaatcccca ggggcaagtt gggatttgaa      1020
agctcacgaa a                                     1031

```


<210> 361
 <211> 567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (388)...(457)
 <223> similar to gi3877572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 361
 aacattggct tgagattcca agcagaaatc cctgaactcc aagatatctc tgccttggcc 60
 caggacacac acaaggccac actggtatgg aagccctggc cagaactaga aaaccatgac 120
 ctccagcaaa gagtggagaa tcttctgaat ttgtgcagtt ccagtgcatt gccagggtgga 180
 gggaccaatt ctgaatttgc tttgcactct ctgtttgagg ccaaagggtga tgtgatgggt 240
 gctctggaaa tgctgctact gcggaagcct gtcagggttaa aatgtcatcc tttagcaaat 300
 taccactatg cgggttcgga caagtggacc tccctagaaa gaaaactggt taacaaagca 360
 ctagccactt acagcaaaga ctttattttt gtacagaaga tggatgaagtc caagacgggtg 420
 gctcagtgcg tggagtacta ctacacgtgg aaaaagatca tgcggctggg gcggaacac 480
 cggacacgcc tggcagaaat catcgacgat tgtgtgacaa gtgaagaaga agaagagtta 540
 gaggaggagg aggagaggac ccggaag 567

<210> 362
 <211> 522
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (189)...(476)
 <223> similar to gil655699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 362
 ttatttagtt ccttcatctt gatccatctg agtttgcagc tttgcaaacc atgagaaaaa 60
 ctgctgtgcg gtttcaatc tttcttcttc cattcctaag gaagtgaagc ctttcaagag 120
 aatgtcttct gtagattcag gcaactactga agtcagttca atgggcagtg actgggatgt 180
 taaactgcac aagtcttcaa ttggaagctc agctggcacc ggcaagttct ctgccgccgc 240
 cttcagctcc aataccgagt ccgtctgcct gtcggtcagc ggcgcgctcg tgcctgggtct 300
 ccgatcccg agagccagct tttccctagc gtcccgctcc gccgccgctc caggcagcag 360
 caacagcgcc gcctccgcc tgcgccgcgc cctcgcggcc ttcagcagca gcgagatgga 420
 ggggaccccg acagagagac ctggggcact tccgggagaa ccggagcttc caacactgca 480
 ccggcggcgg ggcgggacgg aatgcccacg aaatcgtcga ct 522

<210> 363
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(601)
 <223> similar to gil58695 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 363

ctccaccttc	ctggcctctc	tggctagcgc	ctgcctcagc	ttagctgcct	ctatcttgag	60
ctcgcctacc	tctgcccgcc	tggcctcctc	ccactccctg	gcctgggcgg	aggcggcgtc	120
atagcgctcc	agctcgaggt	cccgcctcctc	cagcacctga	agggtgtaga	caaagtcctc	180
ctgcagacac	cgcagtttcc	cctgcgcctc	ctccagctgg	ctccgtgtgt	cctgcagagc	240
cgccctcctgc	agctgggtgc	ggtgtgcctg	cagcgccctc	cactcctcct	ccttgccaag	300
cagcagctca	ttcagggcgg	gctctgagcc	cagtggcagc	atgggtggccg	cctgtggtct	360
gacctctctc	caggcaggcg	gtgttggaac	tgaaccgaag	gacaccgcgc	gagtctgcgg	420
cagaactgac	tgctcatgtg	ctggtgaaaa	cctccctctc	ccaccacatt	tgatcacaga	480
agtcttccctc	tgtgctgatg	attcttgtgg	tatcagagta	gaggaaaaac	agtttcagtt	540
ttccagaaat	accctaacgc	ccgccagcag	cgtctggccag	gtcccgcgcg	gttgacagaa	600
a						601

<210> 364
 <211> 1262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (66)...(1214)
 <223> similar to gil504040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 364

tttcgttgga	ggtcctgcag	ttgggcagga	actccatccg	gcagattgag	gtgggggcct	60
tcaacggcct	ggccagcctc	aacaccctgg	agctgttcga	caactggctg	acagtcaccc	120
tagcggggcc	tttgaatacc	tgtccaagct	gcgggagctc	tggcttcgca	acaaccccat	180
cgaaagcatc	ccctcttacg	ccttcaaccg	ggtgccctcc	ctcatgcgcc	tggacttggg	240
ggagctcaag	aagctggagt	atatctctga	gggagctttt	gaggggctgt	tcaacctcaa	300
gtatctgaac	ttgggcatgt	gcaacattaa	agacatgccc	aatctcacc	ccctggtggg	360
gctggaggag	ctggagatgt	caggaacca	cttccctgag	atcaggcctg	gctccttcca	420
tggcctgagc	tccctcaaga	agctctgggt	catgaactca	caggtcagcc	tgattgagcg	480

gaatgctttt	gacgggctgg	cttcacttgt	ggaactcaac	ttggcccaca	ataacctctc	540
atctttgccc	catgacctct	ttaccccgt	gaggtagctg	gtggagtgtc	atctacacca	600
caacccttgg	aactgtgatt	gtgacattct	gtggctagcc	tgggtggcttc	gagagtatat	660
acccaccaat	tccacctgct	gtggccgctg	tcatgctccc	atgcacatgc	gaggccgcta	720
cctcgtggag	gtggaccagg	cctccttcca	gtgctctgcc	cccttcatca	tggacgcacc	780
tcgagacctc	aacatttctg	agggtcggat	ggcggaactt	aagtgtcggg	ctccccctat	840
gtcctccgtg	aagtggttgc	tgcccaatgg	gacagtgtc	agccacgcct	cccgccaccc	900
aaggatctct	gtcctcaacg	acggcacctt	gaacttttcc	cacgtgctgc	tttcagacac	960
tgggggtgtac	acatgcatgg	tgaccaatgt	tgcaggcaac	tccaacgcct	cggcctacct	1020
caatgtgagc	acggctgagc	ttaacacctc	caactacagc	ttcttcacca	cagtaacagt	1080
ggagaccacg	gagatctcgc	ctgaggacac	aacgcgaaag	tacaagcctg	ttcctaccac	1140
gtccactggg	taccagccgg	catataccac	ctctaccacg	gtgctcattc	agactaccgc	1200
tgtgcccgaag	caggtggcag	tacccgcgac	aaacaccact	gacaagatgc	agaccatgta	1260
tt						1262

<210> 365

<211> 1055

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (228)...(1023)

<223> similar to gi2842469 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 365

tttcgtcacg	accacaccaa	ataacagcag	cagagggagg	tgggggagag	ggaaataaag	60
gggagtcag	cttaaaatgc	tacagcgggt	tgaacagca	gagcaaagaa	gcgccccag	120
cttctgagag	ccctggcccc	agtccccctc	cccgttagaa	acagggcttt	gggatggcta	180
tggagcactg	ccagtaactc	caaccgcagc	acgcggcct	gctcgcccat	cctccggaag	240
cggctctcgt	cgccaacccc	gcagaaccag	gacggagaca	ccatgggtga	gaagggctca	300
gatcactcct	cggacaagtc	ccgtccaca	ccggagcagg	gcgtgcagcg	cagctgtctc	360
tcccagtcgg	gccggagcgg	cggcaagaat	tccaagaaaa	gccagagttg	gtataatgtg	420
ttaagcccca	cctacaagca	gagaaatgaa	gacttcagaa	agctctttaa	gcagcttcca	480
gacacggagc	gcctcattgt	tgattactca	tgtgcactcc	aaagagacat	tctccttcag	540
ggccgactct	acctctctga	aaattggatc	tgcttctaca	gcaacatctt	ccgctgggaa	600
actctgctga	cagtccgttt	gaaagacatc	tgttccatga	ctaaagaaaa	aacagctcgc	660
ctcattccca	atgccatcca	agtttgcact	gattcagaaa	agcacttctt	cacttcgttt	720
ggggccccgg	ataggacata	tatgatgatg	ttccggctct	ggcagaatgc	tctccttgaa	780
aagcctctgt	gtcccaagga	gctctggcac	tttgttcacc	agtgtatagg	gaacgaattg	840
ggcctgacca	gtgatgacga	ggactacgtg	ccccctgacg	acgacttcaa	cacaatggga	900
tactgtgaag	agatccctgt	ggaagagaat	gaagtgaatg	acagctcatc	caagagcagc	960
atagagacca	agccagatga	cagtccacag	ctgcccgaag	aatccatcac	caacagcact	1020
gtagtggcgc	gctctctgaa	tcaacttggg	cgtcgc			1055

<210> 366
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(384)
 <223> similar to gi4240217 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 366
 ataacacttg tttgggaggc ctcggtcagt actcttcatg gctgggttcag gatgccatta 60
 ctcaggccca gggtttgctat gcgtcctgca gaatccggct agaatatgat aggagctcca 120
 gctctgcaag gagtcctggc caaccctgtg gccgtcttgc tcagagcacg cacaggcagt 180
 ccggggccgtg agcgactagt atcaggagtt tctccgcaag cagtagagct agttcttgga 240
 tgtgatggcc agcgttcaaa tagagaatgc tgagctcaag gtcaaggccg cccagctaga 300
 ccatcagcag cagtgtctgg aggatgcaga gagcaagcac agcatgagca tggtcaccct 360
 gcggggcagg tatgaggagg agagtatt 388

<210> 367
 <211> 888
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(702)
 <223> similar to gi180392 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 367
 ttctgtaaag aagggtccaa gctggagctc ccagggagat ggggaaagtc gggggaatgg 60
 cagccctgtg tggcacctgg agacaggggt gccaggaaga gaacgggcag gatgcccag 120
 ctgatcagag gctcagtacg aggacagaaa tgaccttcag catcggccca gctgagagcc 180
 agcctggagg ttaccagca gcaggccacc caggccgaag gccagctact agagctgcgc 240
 aagcaaagca gccagatcca gaactcggcc tgcattcttg cctcctgggt ctccggcaag 300
 ttcagcagcc tgctacaggc cctggaaata cagcacacga cagcactgag gagcatcgag 360
 gtggccaaga cgcaggcgct ggcacaggct cgagacgagg agcagcggct gcgggtccat 420
 ttggaggctg tggctcgcca tggctgcagg atccgggagc tcctggagca ggtggatgag 480
 cagaccttcc tgcaggaatc gcagctcctc cagccccag ggctctcttg gccactgacc 540
 cctctgcagt gggatgaaga ccaacagctg ggtgacctga agcagttgct aagccggctg 600
 tgtggcctcc tcttgaaga ggggagccac cctggggcac cagccaagcc tgtggactta 660
 gccccctggg agggcccgagg tcccctggca ccgggtccca gcacagtttg tccactgagg 720
 aggaaactct ggcagagtaa ggaggccgtt cgtgtatgtg tgccccctgtg tgtgcgtgag 780
 caaggaagtg cctgtgtgtg ctgtgagcac gtgtgtgtgt gcatgttcgt atgcacgtgt 840
 gagtgagggg ggcacttggt ttgactgtcc tgccgggaca tctgagcc 888

<210> 368
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (104)...(411)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 368

gaaaggaaat	aatgttatac	agaaaaaggg	aaaggggtgt	ctagggcaac	taggggtgaat	60
atgtgaaaag	atatgctctg	acacgcaaga	atttattttca	ccagaaataa	atccacaaat	120
ttgtagttgg	ttgatttttg	acaaaggtgc	caagaacatg	ccacaggaaa	ggacagtctt	180
ttcaataaat	ggtcttggaa	aaactggcta	tctacatgca	gatgaatgag	accaggccct	240
tatttcacac	catatacaaa	aatcaactca	aaatagatta	aaatgcaaac	ataagatgtg	300
aaactgtaaa	actactggaa	gaaaacacag	gggaaaatct	ccatgatact	ggtctgggca	360
atgttttcct	ggatatgacc	caaaaaacac	agccaacaaa	acaaaaatag	acag	414

<210> 369
 <211> 929
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (291)...(885)
 <223> similar to gi52998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 369

ccgtgtggtg	gaattcccaa	ctcattcagt	gacaacacgt	tgagatcttg	aaactggcca	60
cagcatggat	atttacacca	aagaaattgg	caaatgctat	aaaccatgga	tttttttttc	120
ttttgagaga	gagcaagctc	aatattccaa	cttaccagct	cactcctgac	cctcaccacc	180
cactcttttg	gagcaggtgg	ccagaggaag	gggcaccctg	agcttagctc	cccggcaggg	240
caggaaaggg	cagggattct	gaagtccaca	cacaaactca	ggctccccta	ccccagccaa	300
ggtgcatttt	cccttcacaa	cctgtgacct	gaggatcgac	ggagactgct	tcatgggtgc	360
ttcagaggca	gacacctatt	acagagccag	gatgaaatgt	cagaggaaag	gcgggggtgct	420
ggcccagatc	aagagccaga	aagtgcagga	catcctcgcc	ttctatctgg	gctgcctgga	480
gaccaccaac	gaggtgattg	acagtgactt	cgagaccagg	aacttctgga	tcgggctcac	540
ctacaagacc	gccaaggact	ccttcgctg	ggccacaggg	gagcaccagg	ccttcaccag	600

ttttgccttt	gggcagcctg	acaaccacgg	gtttggcaac	tgcgtggagc	tgcaggcttc	660
agctgccttc	aactggaaca	accagcgctg	caaaacccga	aaccggtaca	tctgccagtt	720
tgcccaggag	cacatctccc	ggtggggccc	taagtccctga	tgtcagacca	catgggtacc	780
tcgtctgccc	tggtagcacc	ttatctgttt	acataacga	acacaatgct	ggatcattgc	840
cccattttat	accataagaa	ttattcttcg	ataaatatca	tacattatca	catgctctct	900
attctaatta	ttactactgc	atcctaaat				929

<210> 370

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(387)

<223> similar to gi4454678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 370

caagttctca	attcttaaga	gacatggcga	taattcatgc	tgaagaggaa	ctctacaaac	60
ctgaaagatg	caacagtgc	tttaccacca	cctccaactt	ttgtatacat	aaaaataaat	120
tatactaattg	tgaaccctg	gaaatgtatg	aaatgagaca	aagcgtttat	atgggtgccca	180
cacttgattg	taggtaagag	aattaatgct	gccaaaactc	ctacaagtgt	gaagaatgtg	240
gcaaaaacttt	tgagtgcctta	caccttattt	cacaggaaag	cttttatcct	tgagaaaaat	300
cgtacagata	taaagaatat	ggaaacgcca	ttaacgcccc	ctcacatctc	aacagaaggt	360
tcatagttaa	taaaagcaat	aaaagtg				387

<210> 371

<211> 438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(10)

<223> similar to gi3659694 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 371

cctttcgaga	ccctagtcag	tgtgggtggaa	ttccctgcag	agcggcggaa	ccacgcgcgg.	60
gagctggtgc	ggtcggagga	gctggggccgc	tgggacgctc	tggtgggtcat	gtctggagac	120
gggctgatgc	acgaggtgag	gaccgcactg	cgcggctagg	cctgggggctt	ggcgcgggtgc	180
gtcccaggct	gaggccacgt	gtgcttcaac	aggtgggtgaa	cgggctcatg	gagcggcctg	240

actgggagac	cgccatccag	aagcccctgt	gtagcctccc	agcaggctct	ggcaacgcgc	300
tggcagcttc	cttgaacat	tatgctgggt	gagagcccag	ggccagagta	ggcctgtttc	360
ccgtcagtgc	tcctctaccg	cgggggtttt	cttgtctaag	ctcccatagg	ctgagatcat	420
ttccatttcc	ccttctcc					438

<210> 372

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(511)

<223> similar to gi2981631 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 372

atcgaataac	tattcagagt	ggcgggaattc	caacatttct	gcagaaatag	aaaaatcaat	60
cctaaaattc	atacagaatg	tcaagagacc	cccccccccg	atactcaaaa	taatcttgaa	120
aaagaacaaa	gttggaagtc	ttcacttact	gatctcaaaa	tttaacacaa	aactacagta	180
accaacagta	tggtactggc	ataaaaaatta	gcatataaac	caatggaata	gaataaagag	240
cctagaagta	aatctttaca	catatagtca	gatttttgac	aggggtgcca	agaccattca	300
gtggagaaaa	tagggtcctt	tcaacaaatg	gtgttgaggaa	aactggatat	ctacatacaa	360
aaaaaaagtg	gacccttaca	ccatatacaa	atattaactt	aaaatccatc	aagaactagc	420
tccatccact	aaggttggaa	gaaaaaagag	agctagaatc	attaaaactct	ttaaaaaaga	480
agaaaaagaa	ttattggccc	cgtgtggtgg	g			511

<210> 373

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(610)

<223> similar to gi5714696 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 373

ggcccacaga	tgacccccta	cctctgacat	ttgataaagc	tgggggtgac	ctagggcgag	60
gggcagcagt	ggcagtcac	gcccctctct	ccactgcagc	ccaccgttgc	agatttcctt	120
aacctggcct	ggtggacctc	tgctgcgcc	tgttgagtcc	tgagcgggag	gtgggtagag	180
aaggtgctcc	ctggccggga	gggctcagaa	gagaagtagg	gcatggcatc	gtcctctgct	240

gaccacctgc	actcggctcc	ccgtgcgctg	caggtccctg	ttccagcagc	ttctctacgg	300
cctcatctac	cacagctggt	tccaagcagg	taggtagggc	tttggaggcg	cctcctcaag	360
tccgggtccc	caatctgagc	taagacgact	ccatggggag	ggtgggggtct	acgactgagg	420
gaggccggag	accttgccag	ggtctgtggg	cggagctgag	gcgctctggg	ccctcgcaga	480
ccccgcggag	gccgagggga	gccccgagac	gcgcgagagc	agctgcgtca	tgaaacagac	540
ccagtactac	ttcggctcgg	taaacgcctc	ctacaacgcc	atcatcgact	gcggaaactg	600
ctccaggtgc	tggcagtggg	gcgggaccag	aggccaaggg	cggaacctgt	gagcggcctc	660
atgccgaa						668

<210> 374

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1892)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (178)...(1672)

<223> similar to gi3834294 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 374

gcgggtggaat	tcctggcaac	tcgtggtggc	cgcttcagga	ggtgagcctg	gtctctgcct	60
tgcattcatt	ctggctgggt	tgggcgttgg	tttctgtcga	tcctcctggt	gtttacctcc	120
tgcagacact	gctaggggct	ctgtgagcca	gcagctcccc	catccgccct	ccccatgtca	180
gccacctact	gtgtgggaga	tgttgccagg	cagggcctca	ggaggacacc	cctgggtcag	240
ggctccccag	acacctcaga	gacaccccag	aatcctaagg	gcagcagtcg	ggtactctgc	300
ccccgggaag	tgggtgccag	ttcgtctcct	gccttctagg	tgagcagcta	ttcctggagc	360
cagagctggt	catccccac	cgccagcacc	gactcttcac	ggccccaca	ttcactggga	420
gcttctctgtc	accctggcca	ccagcgggtca	ctgatgcctc	cttcaagggtg	aagagccacg	480
tctacagcct	ggagggccag	gactgcaagt	acaccccgat	gtttggggccc	gagggcccgca	540
ccctggctcct	gcgcctcgct	cagctcatca	caagggccaa	acacacagcc	aagtccatct	600
ccgaccagtg	tgcggagagc	ccggctggcc	actccttctc	ctcatggctg	ggcttttagct	660
ccatggacac	cagtggctcc	tacacagcca	acgacctgga	cgagatgggg	caagacagtg	720
tccggaagac	agatgaatac	ctggagaagg	ccctggagta	cctgcgccag	atattccggc	780
tcagcgaagc	gcatctcagg	cagttcacac	tcgccttggg	caccacccag	gatgagaatg	840
gaaaaaagca	actccccgac	tgcctcgttg	gtgaggacgg	actcatcctt	acgccccctg	900
ggcggtagca	gatcatcaat	gggctgcgaa	ggtttgaaat	tgagtaccag	ggggaccg	960
agctgcagcc	catccggagc	tatgagatcg	ccagcttggg	ccgcacactc	tttaggctgt	1020
cgtctgccat	caaccacaga	tttgaggagc	agatggcggc	tctgtgttcc	cgggatgact	1080
tcctcggcag	cttctgtcgc	taccacctca	cagaacctgg	gctggccagc	aggcacctgc	1140
tgagccctgt	ggggcggagg	caggtggccg	gccacacccg	cggccccagg	ctcagcctgc	1200
gcttctctggg	cagttaccgg	acgctgggtc	cgtctgtcgt	ggccttcttc	gtggcctctc	1260
tgtttctcgt	cgggcccctc	ccatgcattg	tgtctgtcac	cctgggctac	gtcctctacg	1320
cctctgccat	gacactgctg	accgagcggg	ggaagctgca	ccagccctga	aggtggcagc	1380
tgccttcaga	gcaggctgga	gggatttgcc	acacagcccc	acccttgggc	tgagaggacc	1440

tggaagccc	ctccaggagg	gaacacggtc	atcctcaggc	ttctggagcg	gggttcctgc	1500
agccgcagag	gcactctggag	gaaacacaaac	caagaaagga	aggcagttgg	gccccagcaa	1560
aggagtggct	accagggctc	aacagccacg	ctctgtgaca	gcgcagagct	cagcgccggc	1620
ctttccctcc	ctctgccaaag	gactcatggc	caagccagct	ctcggggcct	tttttccagt	1680
gcccatttgg	ctactctgct	gcaccaagct	tgggagccag	cctgccaaaga	gccgcctggg	1740
cctggcctcc	ccactggctg	gccttgaggt	aggcagagtg	ggttggtggcg	cctcctctct	1800
ctgtntggga	ccaggacggg	ggcttaagtn	tccactccag	gaaagaatca	aagtttctag	1860
agttgtgaga	aaaccagaga	gtggctctcc	t			1891

<210> 375

<211> 2242

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2064)

<223> similar to gi30041 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 375

tgcggccgct	gcagagcacc	gagctgtgtc	cgggcggggg	agcccgcggt	gtggcagtg	60
cggcgctccg	aggccgcctg	gtgtggtg	aggagcggca	ggcccgggcc	gagggcccg	120
cagggtcgcc	agcagccgct	ttcagccact	gtgtgtgct	ccggactctg	gagcccagcg	180
gggaagctag	caccagcctg	ggccgcacac	acgtcctgct	gcaccactgc	cctgcctttc	240
gggctgcctg	ggctccctgc	agacaactct	tcctgggtgcc	cactgccacc	acctggcctg	300
gcgtggccca	cgttctactc	atctggagcc	caggcaaggg	caaagtgatg	gtggctgccc	360
cacggcttgg	tctctectac	agtaagagtc	tgaatcctgg	acgaggggac	acatgggact	420
tccggaccct	gctccgaggc	cttctgggtg	tgctgtcccc	cagggagcca	ctggctgtac	480
acacctgggc	cccaactccc	cagggcctgc	tggtgcttga	cttcgggggc	actgtgagcc	540
tattgcagtc	ccacggtggt	acgcgggctg	tgggcaccct	gcaggaggca	cctgtaggcc	600
cgtgggggtc	tgcagcccta	ggcacatttc	agggcactct	ggcctgtgtg	ctgggctcca	660
cattggaact	gctggacatg	ggcagtgggc	agctgctgga	gaggaaggtc	ctaagtacag	720
acaggggtaca	tctgctagaa	ccgccagccc	ccggcatgga	ggatgaggaa	gagctggaga	780
cccaggggaa	tcttcgtctg	ctttcagcct	tgggtctgtt	ttgtgtgggc	tgggaagccc	840
cacagggtgt	tgagttgcct	tcagccaagg	atctgggtgt	tgaggaggcc	tgccgggtact	900
accagcgggc	gagcctgcgg	ggtgccccag	tcactccaga	agaactgaga	cacagcagca	960
cattccgggc	acctcaggct	ctggcctcca	tcctccaggg	ccacctgccc	ccatctgcac	1020
tgctgaccat	ggtgaggacc	gagcttcggg	attaccgagg	cttagaacag	ctgaaggccc	1080
agctggtggc	tggggatgat	gaggaggctg	gttgactga	gctggcggag	caggaagtgg	1140
cacgcctgct	gaggactgag	ttgataggag	accagctagc	ccagctcaac	accgttttcc	1200
aagcccttcc	tacagcagcc	tggggtgcc	ccctcagggc	cctgcagctc	cagctagatg	1260
ggaatggcaa	gctgaggtcc	caagcacc	ctgatgtgtg	gaagaaagtg	ttagggggaa	1320
taaccgctgg	aaaggaaccc	cccaatggaa	tactgcccc	ctttgaactc	ctgtgccagt	1380
gtctgtgcc	gctggagcct	cgatggctgc	cacctttgt	ggagctggca	cagcagcagg	1440
gcgggcccgg	ctggggggca	gggggcccag	gactgcccct	gtatcgccga	gctctggcag	1500
tgctaggtga	ggaggggacc	aggcctgagg	ctctggagct	agagctgctc	ttgagcagtg	1560
ggcggcctaa	agctgtgctc	caagctgtcg	ggcagctggg	gcaaaaggaa	caatgggatc	1620
gggctctgga	tgctggcctg	gccctcgccc	cctccagctc	cctgcttcga	agtgaatct	1680
tcaaaactgct	gctggccgag	tttgcccagc	accgcgggct	tgatgctcac	ctccccctcc	1740

tttgccgcct	gtgcccacca	gaactggctc	cagctgagct	cctgcttcta	ctgaggacat	1800
acctcccaga	tgaggtgggg	cccccaaccc	cattccctga	gcctggagca	gagccccctc	1860
tcactgtggg	cttgctcaaa	gccctgctgg	agcagactgg	ggctcaagga	tggctgtcgg	1920
gcccagttct	aagcccata	gaggacatcc	tatgggaccc	cagcactcca	cccccgactc	1980
cacctcgga	cctatgacta	cccttcaggc	atcagaacac	tcagggcctg	gaggcttgct	2040
tgggactgga	ggcttgcttg	gacagttcct	ctgtgtcact	gacacaggaa	atcatttcta	2100
ggacacagt	atcaggggaag	ggtgcctggg	acttggaggg	tcccatgtat	ggacctgtgt	2160
atgcaatact	gttctgtcat	ctggagctat	ttttaagatg	tgtgtgttaa	atatatacat	2220
agtttaatat	ataaaaaaaaa	aa				2242

<210> 376

<211> 507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (42)...(433)

<223> similar to gi2981264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 376

tctgaggccc	caagggaaga	ggctgcactc	cacctctctg	ccccgttcgt	tctgtgtatg	60
cccctacaag	aatgctcacc	tcttgccctc	aggttgcat	tttcaactcc	gctggagcca	120
atgcccagga	ggagcaggca	cggttatgag	agcaggtgaa	agagcagagg	gtgtgctgcc	180
agcgcatggc	tcacctggtg	gcctcagccc	agcagaagcc	agaggcagcg	gtcccagccc	240
cagtgactag	gggccagtct	gtgagtgggg	agaccaccg	ggccatgcag	gaggtcatgg	300
agaagctgga	ggtgactgag	tcctggcatg	ggccaagaag	ggcaggggtg	ggtgttgctg	360
ccgagatgtg	acccatttat	tttggtccca	gagtggcctt	atggacctcc	tggaggagaa	420
ggtggacctg	agggagcgag	cggagaaact	agaacttcga	ttcatccagt	actggaaaga	480
cagaagtcac	cagttagtgg	gaattcc				507

<210> 377

<211> 481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(463)

<223> similar to gi179594 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 377
agggatgaga ccatatcaga tgagacttcc cccccagga gaacaagccg cccctgtac 60
tcatcacgct gcctgcagag cccacactgc cccagacgc ctacagccac ctccagggtc 120
acctcggcca cttccctggg cccgaacccc tggccttccc cgtcaaggag ctgcagggca 180
gtggggcccg acctgggggtg cccctgtacc caccgggcct cagcgagctc aagggtggccg 240
aggtcaagga gggggccctg ctgggagcag gcaaggccaa ggcccccaag acggccagag 300
ctttggcact gcctgacaag gttctgctgg aggacgcat gaagctcttc gactgcctgc 360
caggcgctc tgagcctgag ggtaccctgt gcgaggtccc tgggccggcc ctgcctgaca 420
gcagtgggtg gaactcagcc gatgacatcc gctcgctgtg cctgcccag gagctgctgt 480
c 481

```

```

<210> 378
<211> 1723
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1472)...(101)
<223> similar to gi2605798 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 378
taccagttct ccaacaggcg gctcatgccc ttagagtaca catccccagc atctgtgcat 60
cacaacactc ggtccggtgg tggctctgct cctacacaca ccaggacctg ggccttgaga 120
ggacctctct tctgatatac ctctacagag atgtggcctt cctcaacccg gtcgacccca 180
tctcccatga cctgcttggtg aacctggccc gggacctgca gtgccccaa aagctgcccc 240
gaaccccatg ctgacagcac ctgcagatgt cctgccatga gcatcgacac agccccagga 300
tgtgtggctg tgaccagcca ccggaccagc actcctagtc acagtgagtc cccaaccaa 360
accagggtat ccgctctggg ccctgccagc tctgaatgcc caggtctctg cacagtcggc 420
ccctaggact ctgcgcctag cccacggcca tcacaggaa agccagggtc tgcagctgct 480
gtgtgtgctg cctgctcctg gggctgctca cagagggact ggataaagga tgcagtggag 540
catgctcagt gccagctttg tgggccgcgc acctcggatt ccacctgag ctgggcctct 600
gccggagccc agttaggact gagagagagc caggtggtgg tgctgtaaaa cattacatcc 660
cccagccctg tcagcccaga cccagacccc gcaggcgagc tctcgcttgg agagtgagag 720
gaagaagaac acgctgacct ggcttgcttc tactccctgg gattggcgtc agtggagcac 780
ggctccctcg aggggcctgg tctggcctcc tcccctgtg gactatgagc tctggaagtc 840
ctcggacaag atctgccgac agctcatcta ccacctcacc cctcactcga agcagcagca 900
aggtgccagc ctgcgcgaga ggaagaccca gagctgcctc aagagcagcc tccagaagac 960
tctgctggca ggggagactg tggacctctc aggcattccc ctgtcgacac aggacgtgca 1020
acacatcaca cgctacctga gcagccatgg tgctgtgctg gcggtgctgg acctgagctt 1080
cacggggctg agtgatgagc tgctgcacct cctgctgccc agcctgtggg cgctgccccg 1140
cctcaccagc ctctgctca acggcaaccc actgacgcgg gccactgccc gcaagctcac 1200
tgatgccatc aaggacacca ccaagttccc tgctttggct tgggtggacc tgggcaacaa 1260
cgtggatgtg gcttccctgc cccagccctt gctggtcggc ctgcgcgggc ggctgagcca 1320
gcgcacctca ctccccacca tctacgaggg cctggacctt gagcctgagg gcagtgcggc 1380
cggggccacc acccctgcct ccacctggga ctccacagct gctgggctgg gacccgagcc 1440
ccaggcctgc tgtgccaggt gacccaccac ccacctggct cattgtact gacttgtgat 1500
gctctcaagc acatgatagt gggcgatgaa ggtcaaggag gactcacagg ccccagaaa 1560
tccagtgtaa atgctcagcc tgagattaag gggacagaag aatggactca taggtggcca 1620

```

```

ggtagggcagc cctgggctaga ggctcagcct tccctcagtg ggagggggccc cagcaccac 1680
agtgtggacc ccgcaataaa gagtgacacc cgcaaaaaaa aaa 1723

```

```

<210> 379
<211> 489
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(403)
<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 379
ntgatgatg tgtataccta gaaaacccta aagactcctc caaaaagctc ctagaactga 60
tagaagaatt cagcaaagtt tccacatata aaatcaatgt acacaattca gtacctcccc 120
tatacaccaa caggaaccaa gctgagaatc aaatcaagaa ttcaaccctt ttctcaataa 180
ctgaaaaaga aatactcagg aatatacata atcaaggagg tgaaagacct ctgcaaggaa 240
aactacaaaa cactgctgaa agaaatcata gatgacacaa acaaataagaa acacgttcca 300
tgctcatgga tgggtagaat caatattgtg aaaatggcca tactgccaaa agcaatctac 360
aaattcagtg taatccctat caaaatatca tcacttttct tccgnacgcg tgggtggacc 420
cgggacctcc atnccnnang cncntgcgna cgtcgtcagt caccagggnn nncgggcnc 480
gtcctccc 489

```

```

<210> 380
<211> 623
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (37)...(604)
<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 380
aagaaacacc gcatcttgcc catgcgagcc tggatcatgcc aacctgtgcg tctctgttaa 60

```

tttccgtggtt	ttcacgcccc	cctgcgtgtc	tgtgaatttc	catgttttca	cgcccacctg	120
tgcgtctgtg	aatttccgtg	ttttcacgcc	cacctgtgcg	tctgtgaatt	tccgtgtttt	180
cacgaccacc	tgtgcgtctg	taaatttccg	tgttttcacg	cccacctgcg	agtgtctgtg	240
aatttccgtg	ttttcatgcc	cacctgtgca	tctgtgaatt	tccgtgtttt	cacgcccacc	300
tgcgtctgtg	aatttccgtg	ttttcacgcc	cacctgcgtg	tctgtgaatt	tccatgtttt	360
cacgcccacc	tgtgcgtctg	tgaatttccg	tgttttcatg	cccacctgcg	tctgtgaatt	420
tccgttttca	cgcccacctg	tgcgtctgtg	aatttccgtg	ttttcacgcc	cacctgcgtg	480
tctgtgaatt	tccgtgtttt	catgcccacc	tgcgtctgtg	aatttccgtt	ttcacgcccc	540
cctgtgcgtc	tgtgaatttc	cgtgttttca	cgcccacctg	cgtgtctgtg	aattaccgtg	600
ttttcatgcc	caccacgcgt	ccg				623

<210> 381

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(525)

<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 381

tcaaagtccc	atggactcca	ctcctgccac	cctgccttct	ctccctcagc	ctgcacagat	60
ggcttcatgg	ggagtctctt	atgatcagtt	gacagaggaa	gagaagacta	ggggctgact	120
catagatggc	tttgcgatg	acacaggcac	caactgaaag	tggacagctg	cagcactaca	180
gcccctttct	aggacgtccc	tgaagggtcaa	caatgaagg	aaatcttccc	agtgggcaga	240
actttgagca	gtgcacctgg	ttgtgcactt	tgaatgaaag	gagaaatggc	cagatgtgta	300
attatatact	gattcatggg	ctgtagccaa	tggtttggct	ggtcagggac	ttggaaggag	360
catgattgga	aacttggtga	caaatttggg	gaagaggtat	gtggatggac	ctctctgagt	420
ggtaaagac	aagatatttg	tatcccatgt	gagtgctcac	caacaagtga	cctcagcgga	480
ggaggggttt	aataatctag	tggataggat	gaccattttt	gtg		523

<210> 382

<211> 871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (533)...(864)

<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 382
tttttttttt ttccggcact aagtcaagtt ctttacttcc cagaagtgat ggctaagggg 60
agggaggagg gtgagaagag gaagacagaa agagccagag agaagtgagg ggtgagaagg 120
gggggacagt aaaccactgt tctatgaagt ctcacgaggc aagtgtctaa ggtaaaaaaa 180
gagtcctgga gaatcgteca cggctgcggg aagcatctcg gtttccttct gcttttaagt 240
cctctcaggg aaggctgtcg ccgctgccgc tgcattaaat agttatgtac atcgagaga 300
gtcccaggcc atgggcaggt gggggagggg cgtcatttca ccaggggccg agttttatca 360
tcgtcaccgc actggtgagc tttgtacttt ttcacttctg ccattgtactt ggcccacgcg 420
tcacctttac ttgttaatac ctcattcctcc gtcttctgct tcttggctac tattcccgtc 480
ttgagggcta gtttgttccc gcctctgcgt ttgccacga agctaagtggt ggagcccgga 540
ccgcccttcc tcttcggatc cccggggcca gcggcggcgg ccgactgggc gggtcgctgc 600
ggaccggggg gcggtccttc ctgccgtgc cgtgctcct cctccatctt ccgcttgaac 660
agetccagga agctgccgtc gttggcgaac aagttcacgc cgcccgacac cgggctcgaa 720
cccgcgcccg acacctcttc gtccccgttc tggggcgacg tccccgatcc cgactcagcc 780
caacggctcc cgccaccgcc accgcccgcg gggcccggag cctcccggcc ctgaggctcc 840
gcccgctctc ctccgggcagc cattttgtcg c 871

```

```

<210> 383
<211> 2219
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2220)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (9)...(2012)
<223> similar to gi2529686 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 383
gaattcttgg acacttgtca tctgtgtact gtgtaacttt tgatcgaact ggcagacgga 60
tattttactgg ttctgatgac tgtcttgtga aaatatgggc aacagatgat gggaggttgt 120
tagctacctt aagaggacat gctgctgaaa tatcagacat ggctgtaaac tatgagaata 180
ccatgatagc agctggaagt tgtgataaaa tgatccgagt ctggtgtctt cgaacctgtg 240
cacctttggc tgttcttcag ggccatagtg catctattac atcactacag ttctcaccat 300
tgtgcagtgg ctcaaagaga tatctatctt ctactggggc agatggcact atttgttttt 360
ggctctggga tgcctggaacc cttaaaataa acccaagacc tgcaaaattt acagagcgcc 420
ctcggcctgg agttcaaagt atctgttctt ctttttagtgc tgggtggaatg tttctggcga 480
cgggaagcac agatcatatt attcgggttt atttttttgg atcaggtcag ccagagaaaa 540
tatcagaatt ggagtttcat actgacaaag ttgacagtat ccagttttcc aacactagta 600
acaggtttgt aagtggcagt cgtgatggga cagcacgtat ttggcaattt aaacgaagag 660
agtggaagag cattttgttg gatatggcta ctgcgtccagc aggccaaaac cttcaaggaa 720
tagaagataa aatcacaaaa atgaaggtta ctatggtagc ttgggatcga catgacaata 780
cagttataac tgcagttaat aacatgactc tgaaagtttg gaattcttac actggtcaac 840
taattcatgt cctgatgggt catgaagatg aggtatttgt ncttgaacca caccgntnc 900

```

gacccatagag	ttctcttttc	tgctgggtcat	gattggaaac	gtgatagtgt	gggatctggc	960
aagaggagtc	aaaatacgat	cttatttcaa	tatgggttgca	gggaggaaac	ccattcggtc	1020
tggattaatg	gaactggaaa	acagaaaaca	attatcagat	tgaaggccaa	ggacatggcg	1080
cagtatttga	ctgcaaatgc	tctcctgatg	gtcagcattt	tgcatgcaca	gactctcatg	1140
gacatctttt	aatttttggc	tttgggtcca	gtagcaaata	tgacaagata	gcagatcaga	1200
tgttctttca	tagtgattat	cggccactta	ttcgtgatgc	caacaatttt	gtattagatg	1260
aacagactca	gcaagcacct	catcttatgc	ctccctcttt	tttgggtgat	gttgatggta	1320
accctcatcc	atcaagatat	caaagattag	ttcctggccg	tgaaaattgc	agggaggagc	1380
aactcatccc	tcagatggga	gtaacttcct	caggactgaa	tcaagtttta	agtcagcaag	1440
caaaccagga	gatcagccca	ctgtacagca	tgattcaaag	actacaacag	gagcaagacc	1500
tgagacgttc	tggtgaagca	ggtatcagta	ataccagccg	tttaagtaga	ggctccataa	1560
gtttctacctc	agaggttcat	tcaccaccaa	acgtaggact	aagacgtagt	ggacaaaattg	1620
aaggtgtacg	gcaaattgcac	agcaacgcac	caagaagtga	aatagccaca	gagcgggatc	1680
tggtagcttg	gagtcgaagg	gtggtagtac	ccgagctatc	agctggtgta	gccagtaggc	1740
aagaagaatg	gagaactgca	aagggagaag	aagaaataaa	gacttacagg	tcagaagaga	1800
aaagaaaaca	cttaactgtt	ccaaaagaga	ataaaaatacc	cactgtctca	aagaatcatg	1860
ctcatgagca	tttctgggat	cttggagaat	ccaaaaagca	acagacaaat	caacacaatt	1920
atcgtacaag	atctgcattg	gaagagactc	ctagaccctc	agaagagata	gaaaatggca	1980
gtagttcttc	agatgaaggc	gaagtagttg	ctgtcagtgg	tggaacatcc	gaagaagaag	2040
agagagcatg	gcacagtgat	ggcagttcta	gtgactactc	cagtgattac	tctgactgga	2100
cagcagatgc	aggaattaat	ctgcagccac	caaagaaagt	tcctaagaat	aaaaccaaga	2160
aagcagaaag	cagttcagat	gaagaagaag	aatctgaaaa	acagaagcaa	aaacagatt	2219

<210> 384

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (770)...(197)

<223> similar to gi4263748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 384

atcatcaaaa	agaaggccga	tttcatgtgg	tttttctctg	ctgtcgggtga	gtccacagct	60
aagaaaaac	taattcagta	caacctaaag	tgtaatctgc	tagtatcttt	tacagctggg	120
ggtggtaaaa	atatgtgtac	agcgggaagaa	taattggaca	aatttacaaa	acttgtgaaa	180
atgtaagggtg	gtttattcat	tgtgttattc	atcagcaggt	actttgcaga	aaatatctta	240
atttatcatg	tgttattgaa	ctcttagcat	cagtaatttt	acttggtttt	gtgaatcatc	300
atcagttcca	taagtttttg	tcagaaatag	aagctgaata	ttctgatgtg	ccctgccgcg	360
cagtagtttg	atggcttagc	agtggtagtt	ttctttcaac	tttttgagct	cagggctgag	420
attgaaaatt	ttctgaatga	ggagaatcgc	tcccaaccac	tattgaatgc	tgaatggctt	480
tggaatttag	cttttgctgc	agactaggta	atgtttgtta	atgaattcaa	cctaaaactc	540
caaagtaaaa	cagtgccttat	gcgaacccta	tgtttcacgg	aagtcatgtt	gatgacagca	600
aatgttttaa	tcataagtca	tgttaaactg	ccttggatac	ttactgcgct	ggcaaaagtg	660
aaaacaaagg	cgagctctcc	attcctacac	acatgttcca	aatgcatgct	atagttctat	720
cacggattgt	gcattctcaat	gtgaaccat	aggacatttc	tctaattcct		770

<210> 385
 <211> 850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(851)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (372)...(701)
 <223> similar to gil526978 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 385
 ctttcacaaa aatccatgaa ttattcttta ataaaagaaa ctcttgcccc cgcttttttg 60
 gatacacaga atgctttcca ttgaatcatt tggtcataat ccgggtacaa agcaaattta 120
 acacgtgtga gagatgcaga aaaagggtccc ttctatgtac accttgccaa atacaagaac 180
 ataaagaaaag aaaaaagcaa agtttaagcc tttagggtcat ttgtaaaatg ttgcaaacc 240
 catgctgcta cttttaacag agaagtctga gttttaaaat tcaaacgttc ttttcttaca 300
 aagaaaaagt gcctctatct gccaagcgca tgatcttatg agcttcagat agaaaagtgg 360
 ctatgacttg tgactgtttt tggttcagaa caatgctaga tcaacatgca agttgtatgg 420
 aggtggggac agaaaaggag cggcaggctg gggtggtgg taatgtttga tccctctgga 480
 tttcccacag gagaaaagggt tctgcaggac gatgagttca cctgtgacct cttccgattc 540
 ctgcaactac tctgtgaggg acacaactca ggtttgtgag tccccggaac ttctgatgat 600
 actaaggcat aaataatgtt ttcaagccag taataacaag agcctgttag ttccaattat 660
 gcacgtttct agagacagca aatcattcta gagcatggct ctgcattggg atctgggncg 720
 ttttatnttt ggggtccgag cacgtccaca atntcaaann nncggcgccc aggggtcccg 780
 cccccgaga cgaattagat agatggaagg tgtgaatggt ggtaaagatg gacaaagtga 840
 tgcgggggtgg 850

<210> 386
 <211> 949
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(950)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (221)...(932)
 <223> similar to gi4960038 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 386
atttgatggt aatttgctgg gattacaggc gtgagccacc acacccggcc ggaagatatt 60
aattcttata tgtgtatggt caacagatac tgaatctcag gtgaagcaaa gtgccttcat 120
cattgtagca aatcctacat ttaaatgaaa tcagataagt actggcatat aatcaaaaatt 180
tattttttat gttgattccc aatcaatgat tttttttttt caaacaccaa caagacataa 240
agtacttatt atggaatttt gtccatgtgg gagtttatac actgttttag aagaaccttc 300
taatgcctat ggactaccag aatctgaatt cttaattggt ttgcgagatg tgggtgggtgg 360
aatgaatcat ctacgagaga atggtatagt gcaccgtgat atcaagccag gaaatatcat 420
gcgtgttata ggggaagatg gacagtctgt gtacaaactc acagattttg gtgcagctag 480
agaattagaa gatgatgagc agtttgtttc tctgtatggc acagaagaat atttgcaccc 540
tgatatgtat gagagagcag tgctaagaaa agatcatcaa gaagaaatat ggagcaacaa 600
gttgatcttt ggaggcattg gggtaacatt ttaccaaggc aagcctactg gatcaactgg 660
ccatttaana cccctttgaa ggggcctccg tanggaataa agnaagtgat ggtataaaaa 720
taattacagg gaaaggcctt ctgggtgcaa tatcctggag tacagaaaag caagaaaaat 780
gggaccaatt tgactgggag tgggaagaca tgcctgtttc ctgcagtcct tcctcggggg 840
tcctcagggg tcctaactta cccctgttc ttgcaaaaca tccttgaaag cagatcaagg 900
aaaaagtgtt ggggggtttt accaagtttt ttgcaagaaa actagtggg 949

```

<210> 387

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(705)

<223> similar to gi3875032 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 387
cggacgcgtg ggggtattttt ttgcagccat tctgatgaca gagaaagcag atgcagaaga 60
gaatttgga gatgccatgg aggaggttcg taaagtgaat gaaagcatca agtataatca 120
cccattgaga aaatgtgttg atacaatact taaaaagtcg cctacagagt atcaggaaaa 180
aatgggtagg aacatggatg attatgaaga ttttgatgaa aagcatagta tctatccaag 240
tgaaaaaagt ctggtaaaac tgcataaaca ggtgatttat tcagttcaga gacaccgtcg 300
aactcaagta caatggcaga ttcttttggg acaagcattt tatctagaag atgtagcaaa 360
aaatgaaact agtgctactc atcagtttgt tcacaccttt caatcgccag agccagaaaa 420
tcgatttatc caatattttt ataactctac atttgaatgg tactgggaat gtcttttgcg 480
accatggttt tacaagatac ttgctgtggg tctgtccatc ttctctgtga ttgttgtgtg 540
gtcagagtgc acattcttta gcaactactcc tgtcttatcc ctctttgcgg tcttcataca 600
gctggcgaaa aaaacatata attatattta tatcgagatt gcctgcttcc tttccatctt 660
cttcccaagt atctgtgttt attctactgt gttcaggacg aaa 703

```

<210> 388
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(398)
 <223> similar to gil334115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 388
 atttaaacca tatgatattg atatttgcac taattacaga aggtctaaat ttcagttaaa 60
 aggcagagat tatcagattg gctagaaaag aagatgcaac tatgagctgt ctacatgagc 120
 ccaccttaaa tactaagact cagataaatt aaaagtataa aaggatagaa atagatatgc 180
 catgcagaca ttaatctgaa gaaagctgga gtagctatgt taataataga caagaagatt 240
 tcagagcaaa gaatttacag aggtaaagag agacaattca taatgataaa ggggtcaaga 300
 catcaagaat acctaacaat cttaaatgtt tatgccagag cttcaaagta catgaagcaa 360
 aaactgatgc aattgaaaaga agaactaact ccacatttgt agttcaggat ttcagctggt 420
 agaacaagta aacagaatc 439

<210> 389
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (41)...(407)
 <223> similar to gi306893 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 389
 aatcaatctg aactgaatca ggctggccgt cagggcctcc aaagtactgc ttctgtctgg 60
 tcagcctgct gctacagcct tggccagcta ggccctgctg ctcatggtgc cagcccagag 120
 aggagccagc caggagatgg tgagtgtgtt ggggggtggg agccccaagg agaaggcact 180
 gaggaggaaa aacaggatta gcagctcaaa ctgccagaga cagaaagcaa gctcaaata 240
 gtgacctgaa acagcaagtg gtagatttag aacagaacca aaaacttttg ctagaaaatc 300
 agttttttaca agagaaaatg catggactcg tagttgagaa ccatgagtga agacagcact 360
 tgggggatgga tgctctggtt actgaagagg aggcgaaagc caagataatt ccatctattt 420
 gatgcttgac atccctaacg gacgcgtggg tcgaccgg 458

<210> 390
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(761)
 <223> similar to gi340613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 390

gcctctccta	acttttttaaa	gccgcctctc	ctaacagttt	tttttggctg	tgtatgaact	60
tataagttga	tcatttttgt	cagcacttta	aagacatcaa	agtattttga	tatcttcagt	120
attaatatct	tttggctttt	tttgttcctt	gtgaaagaca	gctttcagtc	tggtgttcct	180
ttataaataa	ttgatttttt	cctctatgct	tttaatcatt	tgtcttcagt	gttcttaggt	240
ttcactgtaa	aatgtgtagg	tgtagatttg	tcactactta	tactatttgg	gattcactga	300
gtccctgaa	tctgaggatt	catgtctttc	atcaattcta	gaaaattctc	attcattatg	360
ttttctttaa	atatttacta	tactccattt	tcttttcttc	tagaattcca	gtagctatg	420
tatgttgcat	ctacttagac	taacctctat	gttttcaaat	tctctttctc	gttttctatt	480
ctgttgtctt	tctatactgg	attctgggta	atttctctag	tgctgtcttc	tggttcatta	540
attccttctt	tagctgtgtc	taatccattg	aggtttctag	tttcattatt	attcacactt	600
tttcatttct	agaagtttta	tttggttggt	tttcatactc	accctcccgt	tttaatagtt	660
ttttgttctt	ttatcctttt	taagtcctta	aaaacctttt	ttttgacata	ttaaacaac	720
tccttttatt	ttttataact	gaaccctttt	tttctttttc	c		761

<210> 391
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> similar to gi2072972 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 391

attaaagaag	acctaaataa	atggaaaaac	atcccatggt	catggatcag	aagagttaat	60
gctgttaaga	tgacaatatt	cctcaaactt	gtctgcagat	tcagcataat	ccctgtcaga	120
atctctgctg	acatctttgc	agaaattgac	aagctgatgc	taagagttat	atgaaattgc	180
aagggaccca	gaatagccaa	agaaatcctg	aaaaagaata	aagtagaaaa	acccacattt	240
cttcattttg	aattacaaaa	caatagtaat	taagaagtgt	gttactggca	caagggtaga	300
catagatcat	tgtatttttt	aaaaaatggt	gattccagaa	ataaatgcaa	acatctgtag	360
tcaactgatt	ttcagtaaag	gtgccaagtc	cattcagtgg	ggaaagaaca	gtcttttcaa	420
caaagtgtgc	tgggacaagt	ggatagtcac	gtgcaaaaga	atgaagttgg	acacttacct	480

tacattatat	ttaaaaagtt	ggctgggtat	gacggcccat	gcctgtagtc	ttagcacttt	540
gggaggctga	ggcagaagga	tcacttgaac	ccaggagccg	agattgtgcc	actgcgttcc	600
agcctgggtg	acagagtga	actctgtctc				630

<210> 392

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (16)...(710)

<223> similar to gi2292986 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 392

aggcgaaagg	gggcaaagga	ggaggagcta	cagcaagaag	aggaggagga	cagcacatag	60
aagagatgga	gcaggaggaa	gagataagga	ggaggaggaa	gagatggaga	aggaggaaga	120
gatgcaggag	gaggaagaga	tggaagagga	agagatgaag	aggaggagga	ggaagagata	180
gaggagaagg	agtaggaaga	gatgtaagag	gaggaggaaa	agatgcagga	ggaagaggaa	240
gagataaaga	ggaggaggaa	gagatgcagt	aggagaagca	agagatgagg	aggaggagaa	300
ggaagagatg	aaagaggagg	aaaagatggg	ggaggaagag	gaagagatga	agaggaagag	360
gaagagatgg	aggaggagga	ggaagagatg	aagaggagga	ggaggaacac	ctgaagagga	420
ggaggtggaa	gagaccaaga	ggacgccgct	gcactcctgc	cccggaggcc	gtgcctcact	480
ctgtctcaac	nnnnnnnnnn	ncannnnnnnn	nnnnnnnnnn	ntaagaggtc	ccgccccccc	540
ctccccctgct	tccccccccc	nnnnnnnnnn	nnnggggccc	cttatttttc	ttnnnnnnnn	600
nnnttttttc	ccccgccggc	ccgggaaacc	cccggccctc	ccccatttta	tccccctccg	660
ccccctcect	ttttccccgc	tgggtttttt	cctaagcggc	ccccccaac	tttatc	716

<210> 393

<211> 1578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (228)...(1461)

<223> similar to gi557822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 393
tagaaacctt cgtagacctt agtcagtgtg gtggaattcc ttccgacagc ccccatccag 60
tcatcacccc gtcacggggc tcagagagca gcgcctcttc cgacggcccc catccagtca 120
tcaccccgtc acggggcctca gagagcagcg cctcttccga cggcccccat ccagtcatca 180
ccccgtcacg ggcctcagag agcagcgcct cttccgacgg cctccatcca gtcatcaccc 240
cgtcacgggc ctcagagagc agcgcctctt ccgacggccc ccatccagtc atcaccccct 300
catggtcccc gggatctgac gtcactctcc tcgctgaagc cctggtgact gtcacaaaca 360
tcgaggttat taattgcagc atcacagaaa tagaaacaac gacttccagc atccctgggg 420
cctcagacac agatctcatc cccacggaag ggggtgaaggc ctggtccacc tccgatccac 480
cagctctgcc tgactccact gaagcaaaac cacacatcac tgaggtcaca gcctctgccg 540
agaccctgtc cacagccggc accacagagt cagctgcacc tcatgccacg gttgggaccc 600
cactccccac taacagcgcc acagaaagag aagtgcacgc acccggggcc acgaccctca 660
gtggagctct ggtcacagtt agcaggaatc ccctggaaga aacctcagcc ctctctgttg 720
agacaccaag ttacgtcaaa gtctcaggag cagctccggt ctccatagag gctgggtcag 780
cagtgggcaa aacaacttcc tttgctggga gctctgcttc ctctacagc ccctcggaag 840
ccgccctcaa gaacttcacc ccttcagaga cactgaccat ggacatcaca accaaggggc 900
ccttccccac cagcagggac cctcttcctt ctgtccctcc gactacaacc aacagcagcc 960
gagggacgaa cagcacctta gccaaagatc caacctcagc gaagaccacg atgaagcccc 1020
caacagccac gccacgact gcccgacga ggccgaccac agacgtgagt gcaggtgaaa 1080
atggaggttt cctcctcctg cggctgagtg tggcttcccc ggaagacctc actgaccca 1140
gagtggcaga aaggctgatg cagcagctcc accgggaact ccacgcccac gcgcctcact 1200
tccaggtctc cttactgctg gtcaggagag gctaacggac atcagctgca gccaggcatg 1260
tcccgatgac caaaagaggg tgctgcccc agcctggggc cccaccgaca gactgcagct 1320
gcgttactgt gctgagaggt acccagaagg ttcccatgaa gggcagcatg tccaagcccc 1380
tgaccccaaga tgtggcaaca ggacctcgc tcacatccac cggagtgtat gtgtggggag 1440
gggcttcacc tgttcccaga ggtgtccttg gactcacctt ggcacatgtt ctgtgtttca 1500
gtaaagagaa gacctgatc cccatctgtg tgcttccatc ctgcattaaa attcactcag 1560
tgtggcccag aaaaaaaaa 1578

```

<210> 394

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4)...(438)

<223> similar to gi804810 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 394

```

aaactaaatg agcttagtga gactgcaaaa taaagatcaa tatatataaa gcagatgatt 60
ttgcatgaac tagccatgaa caatctgaac cttaaaacct taaatgccat ttataacncc 120

```

ataaacaata	tgaaatacat	agtgatgcat	ctggcaaaaag	aagtgcaaga	tgtatagtat	180
aaaaattaaa	aacacttctg	ggagaacttt	aaaaaagacc	taaatagaga	tatactatgt	240
tcagagacta	caagactcaa	taccattaat	atgtcaattc	tttccaacct	gacctataga	300
ttcagtga	tcccattttg	aatattcagg	aggctttttg	ttttgtagaa	attgggaact	360
caatttctaaa	atacatatgg	acatgcaaag	gacctagatt	agtgaaaaca	acttttataaa	420
ataatttctga	aagttggaaa	ataggctggg	cgcgatggct	ca		462

<210> 395
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(420)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters.

<400> 395	
aaaaatagca	attataaata
taaagtaact	gaagggagaa
cactttaata	atggatagaa
cattattaac	caaataaccc
gtacacaatt	tttccaaata
cacaaaataa	gtcttaataa
tacaatggaa	tgaagctaaa
	attcaatagc
	agaaggaaaa
	cgtggaaatt
	aaacaacac
	60
	120
	180
	240
	300
	360
	419

<210> 396
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(888)
 <223> similar to gi1017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 396
cggacgcgtg ggcttttaac cagttctcta accttactgc acgtaagata atttatactg      60
gagagaaacc ctacaaatat gaagaatgtg acaaagcctt taacaagttc tcaaccctta      120
ttacacatca gataatttat actggagaga aaccctgcaa acatgaatgt ggcagagcct      180
ttaacaaatc ctcaaattat actaaagaga aactacaaac ctgaaagatg tgacaatgat      240
tttctactaca cctcaaactt ttctaaacat aaaccatatt ggtgccctag aaatgtgagg      300
aatatgacaa ggacttttaa tggttggtcat gcttgattgt aggtaagata atttatattg      360
gagaaaaatc ctccaagtat gaagaatgtg gcaaactttt aaccaatcct cacaccttat      420
tgcacaggaa agcattttata cttgagaaaa attgtataaa gaatatggaa aagccattta      480
tatctgctca catgtaaaaa catcagttca tacttaataa aatgcaatta ccgtcaaadc      540
tttcagaaaa tataagcctt taatacgagg aagagtattc ttaagatgaa cattacaaat      600
agaaagaggg ttgtagtacc tttagtttta tgatagatct tattgtacac attttgtacc      660
agaggaaaac cctaaagcat tagttgctca aactttgttc gacatcaggg aatttgtatt      720
ggagaaaaac cctgcaaagt taataaatat ggaaaaacat tttttcaaaa actacagctt      780
ggaaaacatc agagagttca tactaaaata tatttttgca gatgcagtaa atatgaaaaa      840
tatttaatcc caaattaagt ctatgtaaat atcagaattc acagtaggaa atcataaggc      900
ataaggcact gatacttcag acattacact taaattagga gtgttgagta tagggagatc      960
ccaaaactta aaattgttta gggtaagtta ttttatatta ttaactttaa aaaggaagtt     1020
aggaagggtt ttttgggagg ttttttantt ac                                     1052

```

<210> 397

<211> 936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(738)

<223> similar to gi4884092 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 397
aactcccagg gctccagggc cctcctccgg ccccaggcct accccagtca cggacggggtc      60
tcgctctgtc actcaggctg gagtatagtg gcatgatcac ggctcactgc agcctcgacc      120
tcctggggtc agttgctgtt ctctgtgtct gtgacttata cccagcacag tgtgacatca      180
actgctgctg tgatcccagc tgcagctccg tggatttcag tgtcttttct gcctgctcag      240
ttccagttgt cacgggcgac agccagtttt gtagtcaaaa agcagtcata tattcattga      300
attttacagc aaaccacact caaagagtat ttgaacttgt tgaccagatt aatccatcta      360
ttttctgcat tcatattaca aactataaac ctgcattatc ctttattaat ccagaagtac      420
ctgatgaaaa caattttgat acattgatga aaacatctga tggttttaca ttgaatgctg      480
aatcatatgt ttccttcaca accaaaactgg atattcctac tgctgctaaa tatgagtatg      540
gggttcctct gcagacttca gattcgtttc tgagatttcc ttcgtccctg acatcatctc      600
tgtgcactga taataaccct gcagcgtttc tggatgaacca ggctgttaag tgcaccagaa      660
aaataaattt agaacagtgt gaagaaattg aagccctcag catggctttt tacagcagcc      720
cggaaattct gaggtgggac cttcagaaag aaagctgcag ctctactggg gaggcaagag      780
cttgtcattg aggaggcttg ggccagaggc aggaagacca gttaggagtc tgtggaaatc      840
gcctgggcaa gcaatggttg ccttcagca aggacagggt cagtgaagat gaccaggagt      900
gcaagaactg tgctttccac agtgctattg gccgga                                     936

```

<210> 398
 <211> 762
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (676)...(753)
 <223> similar to gi2708329 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 398
 gcctcccaaa gtgctgggat tacaggcctg agccaccccg cctggcacct tactatatatt 60
 taatgaatga aatgatgtag tatggaaaaa aaaaaaatcc ctaaatggag acctgagttt 120
 ccatctcatc tttgctactt aattctgagg ttccaggaag attattttaac ctatctgagt 180
 tttcttatct taaggataaa gatgaattca cctaccctat gggactatta agaataaaat 240
 gaaggctcctg tgtaaaaaaac taaataactg ttcattattc ttgctgctgt tggttggatt 300
 gagtagaaag gtcctatggg taggacatta taaagtacgt ctacttagct tctaagatgt 360
 aatattttcta taacttcagt aaggatgtgc atttaaatag caataaatta aaccttttaa 420
 agctgtgatt taaaaactat aaaataaaca atgaaatgag aaatgggcaa attcaaataa 480
 ttttatttta ccttgagcaa gaagactatg ccaatgctaa tgctttgctt tcccctgccc 540
 ctgcccttcc caaagagaag agaacagaca gcaatggcag agtatatttc gtcaaccaca 600
 acacacgaat tacacaatgg gaagacccca gaagtcaagg tcaattaaat gaaaagccct 660
 tacctgaagg ttgggaaatg agattcacag tggatggaat tccatatttt gtggaccaca 720
 atagaagaac taccacctat atagatccct ggtcgcgcgc gc 762

<210> 399
 <211> 857
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (169)...(836)
 <223> similar to gi56522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 399
 taccactctt tggctgtgct aggcaagaat tttaaaactga gtttaggtca ccatcgtagg 60
 cttaaggtcc atatcacctc agggagacaa gtagagtggg aggcattcaa aaggtaggtg 120
 attcttctcc cctctagtga agaatacaag gtcaatttac aaaaaagcac cagcagcaaa 180
 taattggaaa attaaattca taaaacattt ataatagcgt caaaaaagca ccagcagcaa 240
 ataattggaa aattaaattc ataaaacatt tataatagcg tcaaaaaaaa gaaaatactc 300
 agaaataaat ttgacaaaaa ttgtataaga tctctacatt aaaaattatg aaatacatgg 360

aagagaaatt	aaagaaaacc	taaatagaga	gatataccac	attcatggat	tggaagattc	420
aagattatta	aaatactatt	ctccccaat	ggctctatag	attcaacata	atcccaatca	480
aaatcccagt	aggctttggt	agaaattgag	atgttggttc	taaaatgaaa	taaaatgcag	540
aggacctaga	atatataatt	tccctttaat	ttgacaaaga	agaaaaacat	gttggaagc	600
tcacctaat	tcagtgtaat	atttacatac	gaatcaacaa	atggatcagt	ggtatagaat	660
agagaatcct	gaaatagatc	tacatatata	tggccaacag	atttttaata	atggtgccaa	720
ggctattcag	gggaaagaaa	attctttttt	aaaaatggga	ttggaaactg	gataagggaa	780
ataagtgaac	ctcgaccctt	acccttatac	cgtgctcaaa	aattaattca	aatcattct	840
agccataaat	gtaaaaag					857

<210> 400

<211> 2080

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(2080)

<223> similar to gi3152662 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 400

tttcgtagca	tggccggccc	gggccccacc	ttcccgtctg	accggctcgt	atgggcgaac	60
cggcatcacg	aactggaggc	cgcactgcac	agccaccaac	gaatcccaac	cctgctcgcc	120
ctggcagcct	ccctgccttg	ccctcttctc	tcctgcccct	tgtgagtgtc	ccgtctcccc	180
cagcacgaca	ttgaacagga	ggacccccgc	ggcgggaccc	cactggagct	ggcctgtctt	240
ctgggaaacc	tggagtctgt	gagagtgtct	cttcgacaca	atgccaacgt	gggcaaagag	300
aaccgccagg	gctgggcagt	cctgcaggag	gcagtgcagc	ctggagaccc	cgagatggtg	360
cagctgggtc	tccagtatcg	ggactaccag	agggccacgc	agaggctggc	gggcattccg	420
gaactgctca	acaaacttcg	ccaggcccc	gatttctacg	ttgagatgaa	gtgggagttc	480
accagctggg	tgccccttgt	gtctaagatg	tgcccaagcg	atgtgtaccg	cgtgtggaag	540
cggggtgaga	gcctgcgagt	agacaccagt	ctcctgggct	tcgagcacat	gacctggcag	600
cggggccgga	ggagcttcat	cttcaagggc	caggaggcag	gagccctggt	gatggaagtg	660
gaccatgacc	ggcagggtgt	gcatgtggag	acactggggc	tcactctgca	ggagcccga	720
acactgctgg	ccgccatgcg	gcccagcgag	gagcatgtgg	ccagtgcctt	cacctctcct	780
atcgtctcca	cccacctgga	cactcgtaat	gtggcctttg	agaggaacaa	atgtggtatc	840
tggggctggc	ggtctgagaa	gatggaaact	gttagcggct	acgaggccaa	ggtgtacagt	900
gccaccaacg	tggagctggt	gacacgcaca	cgcacggagc	acctctctga	tcaggacaag	960
tcgaggagca	aagcggggaa	gactccattc	cagtccttcc	tggggatggc	gcagcagcat	1020
tcctcccaca	ccggggcccc	cgtgcagcag	gcagccagcc	ccaccaacct	cacagccatc	1080
tcccctgagg	agtacttcga	ccccaacttc	agcctggagt	cacggaacat	tggccgcccc	1140
atcgagatgt	ccagcaaatg	acagaggttc	aaggcaaac	tgtggctgag	tgaagagcac	1200
ccgtctctcc	tgggtgacca	ggtgaccccc	atcatcgacc	taatggccat	cagcaacgct	1260
cactttgcc	agctgcgcga	cttcatact	ctgcgccttc	cacctggctt	ccccgtcaaa	1320
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tgtgatgagc	ccctgagctc	cgtgtgggtg	ccggccccca	gctctgctgt	cgccgcacat	1440
gggaaccctt	tcccgtgcga	ggtggacccc	accgtgtttg	aagtgcccaa	cggttacagc	1500
gtgctgggca	tggagcgcaa	cgagccccct	cgggacgagg	acgatgacct	cctgcagttc	1560
gccatccagc	agagcctgct	tgaagcgggc	actgaaggcg	gagcaggttg	accgtctggg	1620
aagccctgac	caacacccgg	cccgtttgcc	cgcctctcct	ccccagggcc	acggtttatg	1680

aggaacagct	tcagctggag	cgggccctcc	aggaaagcct	gcagctgtcc	acagagccca	1740
ggggcccagg	atccccctccc	aggacacccc	cagcccccg	tccaccagc	tttgaagagc	1800
agctgcgcct	ggccctggag	ttgtcttcac	gggagcagga	ggagcgggag	cggcgcgggc	1860
agcaggagga	ggaggactta	cagcggatcc	tgcagctgtc	actcactgag	cactgagcca	1920
tagccccggg	agggctggcc	aggccactcc	ctgcccgcct	ttgtaattta	tttatttata	1980
aactctctgc	tgctgagctt	ggggcctgga	gccccaggaa	tgagcaggca	gggggagactg	2040
agatggaaat	aaagagactg	tcgcagcagg	aaaaaaaaaa			2080

<210> 401

<211> 1908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (433)...(1813)

<223> similar to gi3015538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 401

gtctctatgg	aattatagct	cacctacttt	tgggggaatc	atgtaaggta	attttatttc	60
attatgtatt	actagaatgt	attgttttaa	aatgtgtcta	cttttttgaa	gtgtcatttt	120
gttggtgttt	tcattgagat	ggggtcttac	tatgttgccc	aggctggctc	cgaactccga	180
acctcaaatg	acctgcccgg	ctcggcctcc	caaagtgtcg	ggattatggg	catgagtcac	240
tgcatccaga	caaaagtgtc	attgtttaat	cttgatttga	aagaacttta	ggattttaaa	300
acattatgtg	gttcttttgt	gcaagcgctt	tatccctaag	tcgtttgatt	atccagggtt	360
gaaagcaact	ctctctgact	tctgcactca	gaaagcgctt	ggtctaattg	tgttctcctt	420
cctgtctctt	agcttcacag	gataatgcag	ctggctgtgg	ttgtatcaca	agtacttgag	480
aatggttcct	cagttttggg	ctgtttggag	gaaggctggg	acatcactgc	acaagtgcac	540
tccctggttc	agttactcag	tgatcccttt	tataggacac	ttgaaggctt	ccagatgttg	600
gttgaaaaag	agtggctctc	ttttggtcac	aaattcagtc	agaggagcag	cttgaccctc	660
aactgtcagg	ggagtgggtt	tgctccagtc	ttcttacagt	tcttagactg	tgtacaccag	720
gttcacaacc	agtatccaac	tgagtttgaa	ttcaatctct	attacttaaa	gttcttggct	780
ttccactatg	tgtctaatac	ctttaaaaca	tttctcctgg	attcagacta	tgaaagatta	840
gagcacggaa	ctttatttga	tgataaagga	gaaaagcatg	ccaaaaaagg	agtctgtatt	900
tgggaatgta	ttgacagaat	gcacaagagg	agtcccattt	tctttaatta	tttatattca	960
ccattggaaa	tagaggctct	aaagcccaat	gtaaacgtct	ctagcctcaa	gaagtgggat	1020
tactacatag	aagagaccct	gtccacaggc	ccttcctatg	actggatgat	gctaaccccc	1080
aagcacttcc	cctccgaaga	ctctgacctg	gctggagaag	ctgggccacg	gagccagagg	1140
agaacagtgt	ggccatgcta	tgatgatgtc	agctgtactc	agcctgatgc	tctcaccagc	1200
cttttcagtg	aaattgaaaa	attggagcac	aaattgaacc	aagcccctga	gaagtggcag	1260
cagctgtggg	aaagggtaac	cgtggacctt	aaagaagaac	caagaacaga	tcgctcccaa	1320
agacacctgt	cgagatcccc	aggaattgtg	tctaccaacc	taccttccta	tcagaagagg	1380
tctctgctac	atctcccaga	cagcagcatg	ggggagggaac	agaattccag	catctcccca	1440
tccaatggag	tggagcgaag	agcagccacg	ctctatagcc	agtatacatc	caagaatgat	1500
gaaaacaggt	cctttgaggg	aacactttat	aaaagagggg	ctttgctgaa	aggttggaag	1560
ccccgttggg	ttgttttggg	tgtaacaaaa	catcagctgc	gctactatga	ctcaggtgag	1620
gacacaagct	gtaaaggcca	cattgatctg	gctgaagtag	aaatgggtcat	ccctgctggc	1680
cccagcatgg	gagccccaaa	gcacacaagt	gacaaggctt	tctttgatct	caagaccagc	1740
aaacgtgtgt	ataacttctg	cgcccaggat	ggacagagtg	cccagcaatg	gatggacaag	1800

```

atccagagtt gtatctctga tgcctgatgc ccatgggtcaa cccacgcaga agaaacagaa 1860
gaactcatgc tgccagatag atagaacaag aagcatggat ccttgagg 1908

```

```

<210> 402
<211> 964
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(965)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (26)...(862)
<223> similar to gi3599339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 402
ctagtcttag atcgcgagcg ggcgccaaaa gaataatgaa ggaatacaca aactactcta 60
cacgcatagt ttttanaact taggttaa atgaccagttc cttaatgagc atgaactgtc 120
acaactcacc caataggaaa tagactactt gaataccctg taactataag gaaattgacc 180
tagtaattta taatctccca aaaaagaaat cttcagggtt cactggataa ttctaccaa 240
catgtaaaga agaattaaca ctgattctac gcaatacctt ccagaaaaca gaagaggggg 300
gatcatgtcc taattcattt tgtgaagcta gtattaccct gataccaaaa ccaggcaaaa 360
agaacagaaa aagaaaacta cagaccaata tccctcgagc attcagatac aaaactcctt 420
aacaaaacat aaacaaatag aacacagcaa tatataaaaa gattgacaca ctgtagccaa 480
atgggacata ttctgagatg caaggctggt ttagtatttg aaaattcatt catgtaatac 540
actatactaa caggctaaag aaaaagctca cgactatata agtcaatcca aaaaaagaat 600
aaaaagagtt tggcaaaatt cacatcattc atgactcaaa acttcagca aaatagaaga 660
cagggtactcc ttcaacctta caaaaagcat ctaaaaagcc ccacagctga cagcactctt 720
tttcaacata gttctggaag ttctacagag acataatata agaaaaggaa attaagaca 780
cagatgagag gaaagaaata aaactgtccc tttttgctgg tgacatgatc atctacgtag 840
aaagccccag ggaatcttga gtctgtgctg gacatgattg tccaaacaga aaatcccagg 900
gaagaggcgg agcttgagc gagctgagat tgcaccactg cactccagcc tgggcgcaca 960
tgtg 964

```

```

<210> 403
<211> 992
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(981)

```

<223> similar to gi392948 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 403
agacttcata gctgatgagg tggacctgac ctcagccctg acccaatggt cactctgaag    60
acgccgctga tctcctcccc catggacact gtgacagagg ccgacctggc catcgtgatg    120
gctctgatgg gaggtactgg ttctattcac cacaactgca cccagaggtt ccaggccagt    180
gaggtgcaga aggtcaagaa gtttgaaccg ggctttatca cacaccccggt ggtgctgagc    240
cccttgacaca ctgtgggtga tgtgttggag gccaaagatgc gtcatggcctt ctctggcatc    300
cccatcactg agacgggtac catgggcagc aagctgggtg gcatcgtcac ctcccagagc    360
atcgactttc ttgctgagaa ggaccacacc accctcctca gtgaggtgat gatgccagg    420
atcaagctag tgggtggctcc agcagtgtga ggttgaaaga ggcaaagatg atcctgcagc    480
ttagtaagaa aggaagctgc ctatcgtaa tgatcgcat gagctgggtg ccattatcac    540
ctgcaccgcg ctgaagaacc gagactaccc tgtggcctcc aaggattccc atgagcagct    600
gctggggcgg gcagctgtgg gtacccatga ggatgacaaa taccacctgg acctgtcac    660
ccaggtaggc gtcaatgtca taggcttggg ctctgcccaa gggaactcgg tgtatcagat    720
cgccatggtg cattacatca acaaaaagta accccacctc caggtgattg gggggaacgt    780
ggtgacagca gccaggcca acaacctgat tgacgctggt gtggatgggc tgggcagggg    840
catggactgc gcggctccat ctacatcaac caggaagtga tagcccgag tcagccccag    900
ggcactgcc tgtacaagggt ggccaagcat acccaaaact aaaatgtgcc cgtcatagcc    960
gatggtggca tgcagacctg ccgctgggt aa    992

```

<210> 404

<211> 1419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1214)...(440)

<223> similar to gi3858883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 404
tttttttttt cttgatgcaa atgtttttat ttgccactta aactacagtt tccctgtgct    60
atcctgatgg tgtgggggtg tggaacaggc tgctggaacc atggtttaca gtagtagcag    120
gtagatgatt agtagcatga gtgggtgaaat gctgcatcta agtgccctgtc actttgctcc    180
caggggaata tcatgcagcc caggaatagt gttagactgg gaaggactgt ggcaggaaca    240
gtcactgtct ctctcattt tgggtaggaa tgggtccac ataatggaga gctcaacaga    300
agcatccagt cttgttctga atggagcagg tcagtggcag cagcctcttg ctttcattta    360
cccctttggg ctgcttgcc aaagtctctc ttccttcacc tccccaggcc ttttggcaag    420
aggggaagaca ctgccattcc tggctcttcc cctggatcag tgtctgatct ggtggaggta    480
gcttggtggg cctgacttcc tccagttccg gcggatcctg gcacttttct tcctagagtg    540
cagatactgc tactggagg ctgtctctgt ggcactctgt gggttggcca gtgcagagtg    600
gggctccagg attctgaggc ggctgcagt gtgtagcgag tggcccagg gtttctgcct    660
tgggggcctc ttcctgcgca gcctcttgag ggcctcagcc acacggtggt cccctgcaca    720
ttcccagatg atctgtgccc gttcctcggc cagctggtcc ccgctgcgtt gaaacagggc    780

```

ttggatctgc	agcagctcgg	cgtcctggaa	gatgttggcc	gaggcctgct	tgcggccccg	840
ggcctcaatc	ggggcctgcc	aagggggtgg	ctcactgacc	accgaggctg	gggtacccat	900
tgtggatgct	cacactgaag	ggcagctccg	acagacctca	aatgggggatg	gggcaagcta	960
agatgcgccc	actccaacct	cttccacagc	cttcagaaag	ggcagggcgca	gctctggggt	1020
tcctgctgcg	aaggtgctta	caagggccag	tcggtgatca	cgggcagcac	aagagcatgg	1080
cagaggggat	cctggccgag	gtcctaaggc	gacatctgca	gcacgaggag	gccccgggac	1140
tcagacgtgg	ccgcttcgca	gaacgacggg	gtcctaagtg	gatctggcgg	tcgcgtcccg	1200
ctggcacccc	ggctctgact	gtcgccctcc	ggctcccacc	gcagcgccga	gctgggcccg	1260
cgacctacgt	acctggttgc	ttgaggcagg	ccgcacgcag	ccccaaactg	gtccggggcca	1320
cttgggtcac	agccgcggtt	cccgggagaa	agcgctccct	agccccggaa	cagccaatcc	1380
tcggccctag	ccaggtatga	gctcccaggc	gagccttcc			1419

<210> 405

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(733)

<223> similar to gi289664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 405

gtgagtgctg	ggggtagggc	cttgagctgc	agcccccgag	actcccacgt	gcctgccaga	60
caccacgccc	caccgcgcac	cggtggtctg	ctctgccgac	ccgcagtaag	gaggagaggg	120
aggactggtg	agcctcctgg	gccagggtgg	caggggcccg	cctgagtaag	cagcagggtc	180
tgctgccgct	gcaggttggc	tcttgagtcc	ctggaccctc	gcacactgcg	gctgctgaca	240
ttaggaaccc	ctgcctgagc	aggggtgggg	ctgctgaggt	caccctcctc	ccaggagctc	300
ccacagtcag	gagaaactcc	tgcagaacca	ggtccagaag	ctgatccagg	agttgaagga	360
acagaaggag	cgagcccagt	gggtgaggca	ggggcacagg	gagtgggcag	ggtcctggtg	420
ttggggagcc	aggctggggc	tggcctgggg	gccttctgca	gaagacaccc	ccccaccacc	480
aaccacaggg	cctctcggag	caggagaagg	agcacctgga	ggagcggctg	ctgcagacca	540
cccgcacgct	ccaagagatg	gaggccgagc	tgcagaactt	gcagaagtcc	tgctcctgct	600
agctggcccc	ctcctcgtgg	gtgggcccga	tgctacgata	ccagactggc	agtgtggagg	660
tgagcctgtc	ccccaaagcc	tcttgcccca	ggctgccttc	cccagccttc	cccatctcgt	720
cggaattcca	cgt					733

<210> 406

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (101)...(597)

<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 406
aagcaagatc tttttattct ctatttctgt agctatatat acacttttga caatttagtg      60
gccatcattg caagctaact gataatccaa tgtctccttt agatacaaat ttgaaaaaga      120
tggaagtata cacagactca ttataaaaaga ttgcaggctg gatgatgagt gtgaatatgc      180
ttgcggggta gaagacagga agtctcgtgc tagacttttt gtggaaggta catattaagt      240
gaaaaaacia ttctaattgt accaattttt taaaattgtt aatcaaaatg taaacatatt      300
tgtatttatt tcacattttc tttccagaaa ttcctgttga gatcatcagg cctccacaag      360
atattcttga agcccctggg gctgatgttg tcttttttagc agaactcaat aaagataagg      420
tggaagtcca atgggctaaga aataacatgg ttgtgtgtcca ggggtgataaa caccagatga      480
tgagtgaagg aaagatacat cgactacaga tttgtgatat taagccccgt gaccaggggtg      540
aatacagatt tattgcaaaa gacaaagaag ccagagctaa gcttgaactg gcaggtcagt      600
ccctttattt taaaatatcc ttccaatatc acagagttaa gatttcagat ttcacagtta      660
tttaatgagg taatccttgt gagggctctt catttctagc aagccctacc cacatgttaa      720
caactctaat tttgctcact acaaagtaag tgggaattcc      759

```

<210> 407

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (570)...(53)

<223> similar to gil334643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 407
accgtcgtgg aattccggac ccacagaacg accgacggac cgagggttcg agggagggac      60
acggaccagg aacctgagct aggtcaaaga cggccgggcc aggtgccccg tcgcagggtgc      120
ccctggccgg agatgcggta ggagggggcg ggcgcgagaag ccccttcctc ggcgctgccca      180
accgcccacc cagcccatgg cgaaccccg gctggggctg cttctggcgc tgggcctgcc      240
gttctctgctg gcccgctggg gccgagcctg ggggcaaata cagaccactt ctgcaaatga      300
gaatagcact gttttgcctt catccaccag ctccagctcc gatggcaacc tgcgtccgga      360
agccatcact gctatcatcg tggctcttct cctcttggct gccttgctcc tggctgtggg      420
gctggcactg ttggtgcgga agcttcggga gaagcggcag acggagggca cctaccggcc      480
cagtagcgag gagcagttct cccatgcagc cgaggcccg gcccctcagg actccaagga      540
gacggtgcag ggctgcctgc ccatctaggt cccctctcct gcattctgtct cccttcattg      600
ctgtgtgacc ttggggaaaag gcagtgcctt ctctgggcag tcagatccac ccagtgttta      660
atagcagggg agaaggtact tcaaagactc tgcccctgag gtcaagagag gatggggcta      720
ttcactttta tatatttata taaaattagt agtgagatgt aaaaaaaaaa aaa      773

```

<210> 408
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(725)
 <223> similar to gi3123638 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 408

gatcacctac	agcaatgacc	acttctcccc	cggtccccct	cccacccacc	tctccccaga	60
gatcgatcca	aagacaggaa	tcccccggcc	ccctcaccca	tccgagctgt	caccgtatta	120
cccactctct	cccggagctg	tcggacaaat	ccccaccccc	ctcggctggc	tcgtcccaca	180
gcaaggccag	cccatgtact	cccttcctcc	cggtggcttc	cggcaccctt	accccgccct	240
cgccatgaac	gcctcgatgt	ccagcctggt	ctccagtcgg	ttctctcctc	acatgggtggc	300
tcctgcccac	cctggcctgc	ccacctcagg	gatccccac	cctgccatcg	tctcccccat	360
cgtaagcag	gaaccggcac	ccccagcct	gagccctgca	gtgagcgtga	aatcaccagt	420
caccgtgaaa	aaggaggagg	aaaagaagcc	ccacgtgaag	aagcctctga	atgccttcat	480
gttgatatg	aaggagatga	gggccaaggt	ggtggctgag	tgcaccctga	aggaaagtgc	540
agccattaac	cagatccttg	gaagaaaggt	aagacctgcc	ctctccctcc	aggccaggga	600
ggcagcgtcc	ctgcattgat	ggctccgtgt	ggtctctgac	cctctctccc	ccagtggcac	660
aacctgtctc	gagaagaaca	ggccaagtac	tacgagctgg	cccgaagga	gcggcagctt	720
cact						724

<210> 409
 <211> 1949
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1950)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (13)...(1866)
 <223> similar to gi30058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 409

gcggtggcca	ttcccttctc	cactcctgga	agcccttac	caggacccca	ggaccctgca	60
gatgctgcag	agcctcctgg	aaagccaacg	ggatcagagg	accatcagca	tggccgagcc	120
acacagctcc	caggagctct	ggatacaagc	tccccaggga	cccagcatcc	ctttgcccct	180

gagacaccaa	tccctggagc	atcctggagc	atctccccta	ccacccccgg	ggggctgcct	240
tggggctgga	ctcagacacc	tacgccagtc	cctgaggaca	aagggcaacc	tggagaagac	300
ctgagacatc	ccggcaccag	cctccctgct	gcctccccgg	tgacatgagc	tgtgccctgc	360
catcccactg	gcacgtttac	actctgtgta	ctgccccgtg	actcccagct	cagaggacac	420
acatagcagg	gcaggcgcaa	gcacagactt	cattttaaat	cattcgccctt	cttctcgttt	480
ggggctgtga	tgtcttttac	cccacaaagc	ggggtgggag	gaagacaaag	atcagggaaa	540
gccctaatac	gagatacctc	agcaagctgc	ccccggcggg	actgaccctc	tcagggcccc	600
tgttggcttc	ccctgccaag	accagggtca	actattgctc	cctcctcaca	gaccctgggc	660
ctgggcagat	ctgaatcccc	gccggtctgt	agctggaagc	tgtcagggct	gcctgccttc	720
ccggaactgt	gaggacccct	gtggaggccc	tgcatatttg	gcccctctcc	ccagaaaggc	780
aaagcagggc	cagggtaggt	gggggactgt	tcacagccag	gccgagagga	ggggggcctg	840
ggaatgtggc	atgaggcttc	ccagctgcag	ggctggaggg	ggtggaacac	aagatgatcg	900
caggcccagc	tcccgaagc	caagagctcc	atgcagttcc	accagctgag	gccaggcagc	960
agaggccagt	ttgtctttgc	tggccagaag	atggtgctca	tggccatact	ctggccttgc	1020
agatgtcact	agtgttactt	ctagtgactc	cagattacag	actggcccc	caatctcacc	1080
ccagcccacc	agagaagggg	gtcaggaca	ccctggaccc	caagtcctca	gcatccaggg	1140
atttccaaac	tggcgctcac	cccctgactc	caccaggatg	gcaactttca	attatcactc	1200
tcagcctgga	aggggactct	gtgggacaca	gannggaaca	cgatttctca	ggctgtccct	1260
tcaatcattg	cccttctccg	aagatcgctc	ctgctggagt	cggacatctt	catcttctac	1320
ctggctcaag	ctgggccaga	gtgtgtggtt	ctcccagggg	tggttggacc	ccaggactga	1380
ggaccagagt	ccactcatag	cctggccctg	gagatgacaa	gggccaccga	ggccaagtgc	1440
cccagggcag	ggtgccagcc	cctggccctg	tgctggagtg	gggaagacac	actcaccac	1500
ggtgctgtaa	gggcctgagc	tgtgctcagc	tgccggccat	gctacctcca	agggaaggt	1560
aacagtctta	gatectctgg	ctctcaggaa	gtggcagggg	gtcccaggac	acctccgggg	1620
tctttggaag	gatgtctcct	aaactcctgc	caaggtgata	gaggtgcttc	tcacttcttc	1680
cttccccaag	gcaaaagggg	gctgttctga	gccagcctgg	aggaacatga	gtagtgggcc	1740
cctggcctgc	aacccctttg	gagagtggag	gtcctggggg	gtccccgcc	ctccccctgt	1800
tgcctcccc	tccctgggat	gctggggcac	acgtggagtc	attcctgtga	gaaccagcct	1860
ggcctgtgtt	aaactcttgt	gccttggaag	tccagatctt	taaaatttta	tgtattttatt	1920
aacatcgcca	ttgggcccc	aaaaaaaa				1949

<210> 410

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(415)

<223> similar to gi1405821 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 410

acacatcctg	gggggtccgac	tccaagggtca	gattttgcaa	ccagagggag	ccggagtggg	60
cctggccggg	gaaagtccgc	cccgcctccg	gatecgctcc	ccctccctac	tccgctgatt	120
cctggctccc	gagtcaccgc	ggcccgcccc	gacagcagcg	tggctcaggg	ccctccagtg	180
cctccccgaa	acccctgccc	agggcgaggc	gcagtgaag	gacgtttttt	taccaatgcc	240
ggttccccgg	gtcgcgccgc	cgccaactcc	tcaaggagcc	gaagccaagc	ccggccgcca	300
ccctcctcct	tctcctcctc	cccgcgcgct	gggcgccta	gaatcgccgc	tgcgccttc	360
tctccccccg	gccgttgtgg	ttgtggttgt	ccctgccacc	tccttacagc	cgagccgccc	420

<210> 411
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(767)
 <223> similar to gi2072501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 411

tttcgtgaga	aggcggcggc	ggcgggctagg	gatcagacat	ggcggcgcat	ctgaacctgg	60
agtggatctc	cctgccccgg	tcctggactt	acgggatcac	caggggcggc	cgagtcttct	120
tcatcaacga	ggaggccaag	agcaccacct	ggctgcaccc	cgtcaccggc	gagggcgttg	180
tcaccggaca	ccggcggcag	agcacagatt	tgctactgg	ctgggaagaa	gcataactt	240
ttgaaggtgc	aagatactat	ataaaactgaa	tagatttcct	tttcattctt	cctgggaata	300
gaagatgtaa	tggaagtcc	agtatctgta	tgaggccta	tgactagctt	cacttcttgg	360
tgactaatac	tagttgacaa	aacagcatat	tctaaactga	ttgtcttcgt	tatccagttag	420
ctttcctatt	ctccataaca	aatggtccaa	atctttgatt	actcacctca	gaatgcttgt	480
ctcactcctc	ttttcctcat	tcctagtaga	tcataccttg	gagaagaaag	tagaaactat	540
caggcctgaa	cttcattagc	tttttcttcc	tcttcaatcc	aaatctgtct	gtatcttcat	600
tcatttttct	taaccctttc	cttgcttgct	atttctgctt	tccaaaacca	aggaaggaat	660
tttgacagag	gtacccaagg	aattcactgg	gggaaaatga	atgattcaat	aatgatgtt	720
atgataatta	gatagatagc	tatatgtaag	cataaaaaat	ttttaaacc	ttaggcctt	780
attatcatat	catgcacaaa	aattaagtgg	attattgatt	taaatgtaaa	aacaaaaagt	840
ataaaaacttt	tagaaaaaag	agattatttg	tgacattggg	tctggcaaag	atttcttaga	900
tgcgattaaa	gatttacaaa	agaaaaaatt	gataaattag	acttcatcaa	aattt	955

<210> 412
 <211> 668
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(664)
 <223> similar to gi854065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 412

gagatggaat	ttcactttcg	tcacccaggc	tggagcgcaa	tggccagatc	atggatcact	60
gcaacctccg	cctcccagggt	tcaagcgatt	ctcctgggag	gcagacgttg	cagtgaactg	120
agatcgtgcc	accgcactcc	agcatgggcg	acggagcgag	atttcatctc	gaaaaaagga	180
aagaaagaaa	tgtgttggtc	agtatttact	atggctctgtt	cagctgttgg	acggccagat	240
gctacgtgtt	gtgttgagat	atttctgggt	gagattgtag	agttgtcagg	cactgcatgt	300
gattttgcgt	tgtgtcatct	gctggctgcc	aacgttggtg	cgttgctgca	tagtgtgtcc	360
tttgttctgc	tgcttgact	gtatgtgttg	tgatgccaca	tcgtgtgttc	tgtgctgtct	420
gctgggttgc	tgtgtactag	cgtgtgttgt	gtggcaggat	tatgtagcgg	tatgctggca	480
ttacgtgttg	gtgtgtgggt	accgtgtctt	gggatgtttc	cgggctggct	attaggtcac	540
tgctgtcgt	gtgttggcat	gtactgcgat	cgtatttgct	gggtgttctg	ttgccctgtg	600
ttgttggtg	ccgtgatgcc	tgatgattgc	cttgtgctat	gtcgcgtgct	gtgtgtgtgt	660
tgccaacc						668

<210> 413

<211> 1562

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(1536)

<223> similar to gi600118 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 413

actaggggtc	ggccacagc	ttcctcaagc	caagctcccc	aggcccaggt	caggcctcac	60
ggtggcctct	ccaggatgag	ctcctgccct	ccgatggcat	ctccaggccc	caaatggtct	120
ccggtcgggtg	ggctcctcca	cgccaagggt	gggcctcccc	gcgaccgccg	caggcccaag	180
ttgtcctgaa	gtcgggctct	cccggctgca	tctccaggcc	ggactctggc	ccgactccag	240
gtcccaacaa	cgtcttttga	ctcagctcct	gcccagctcc	cagcggccct	ggtaggcca	300
caacttccct	aagccaagct	ccccaggccc	agctcaggcc	tcgcggtggc	ctctccaggc	360
tcagctcctg	gccctccgat	gacatctgca	ggccccaaat	ggcctccgggt	cgggtgggctc	420
ctctaggccc	agcttggggc	tcccggggc	ctccgcaggc	ccaaatcgct	ccgaagtcat	480
tctctccagg	cttagctcca	gcctcccggc	ggcctctgca	ggcccaagtc	gtcctcaagt	540
cggcctggaa	gtgggcctgg	aagagcagca	agtcggcctc	cctggggcca	gtccgctcct	600
ctcgacggcc	tctccagggt	caaaaacttc	tcgagtcagc	ctctccaggc	ccagctcctc	660
ctgcctccca	gtggcctctt	tcggcccagc	ccagctcatg	gctctcggcg	gccttcccag	720
gccccgcttt	tgacttttgg	cagcctcttc	aggcgcagaa	cttgatctcc	agtcggcctt	780
tgcaggcccc	gcctcctgcc	tctcgaaggc	ctgcacgggc	ccggcctcgg	cctcggcctc	840
acagcggact	ctccacgccc	agctagctct	cgcctcactg	cggctctccc	agtccaaagc	900
tctgcctttt	cggccacttc	ggcaggctcca	gctcctgcct	gccagtggcc	tcttttaggcc	960
cagctcatct	ctcacgtcgg	ccattccagg	ccccgttttt	cccttccggc	agcctcttgg	1020
cctctaattt	gtttatcttt	tgtgtataaa	tcccaaaata	ttgaattttg	gaatatttcc	1080
accattatgt	aaatattttg	gtaggttaatt	tatttggagt	gagtttctgc	gccaagcccc	1140
aattttttat	tttattttcc	ttattatttg	gtgttaaaac	ggtttaactg	accgggtcatg	1200
gcaacttttt	ggcacagtga	aaaatatcgc	ccatgatcaa	cgtgttctgt	tctgggggaag	1260
ggggcaaagg	caggggtgaat	cactttctta	aaaagtatag	ctcaagttgg	gagtgccagag	1320
ggaatgggga	gaaaaccctc	ccgctgcctg	tgtcgaagtg	taggagcccc	cacccccata	1380
ctcacctgag	tccagcccct	ctggggaaag	aaggggtgca	tgaactcccc	ctagtccaca	1440
ggcacctccc	tgtggcccaa	ggctctcttc	acactccatc	ttgaagcccc	agcaggagct	1500

attttccaaa aagtgtaaaag ctctgaaggt cccacaattc atggaagtga cctcacaatg 1560
ac 1562

<210> 414
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(428)
<223> similar to gi775239 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 414
aactaatcca tccaccttgt ggcattgttc tgcccttcc caactaatcc atccaccact 60
gtgacatgtt cctgccctac cctaactaat ccatccacct tgtgatatgt tcttgccctt 120
ccccaaactaa tccatccacc ttgtggcatg ttcttgccct tctcaacta atccatccac 180
cttgtgatat gttcttgccc ttccccaact aatccatcca ccattgtgac atgttctctgc 240
ccttcccca ctaatccatc caccattgtg acatgttctt gcccttcccc aactaatcca 300
tccaccttgt gatattgttc tgcccttccc caactaatcc atccaccttg tgattgttcc 360
tgcccttccc caactaatcc atccaccact gtgatatgtt cctgccctac cctaactaat 420
ccatccacct tgtgat 436

<210> 415
<211> 1246
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(1233)
<223> similar to gi470674 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 415
tttttttttt cactgagaat gcagctttct ttcatttggt cacttcacct ctccatcgac 60
cccagagagg gagggtgggac cctgcatgct gccccctccc cgcccccggg gtcttctggc 120
aggactgggg aagggagcct ctccgggggt ggccgtccac gccagtagc acctgggagc 180
tgtggggggc gaggcagtc gaaggtgtgg ggtagctctg agctcatgtg cagggtccgg 240
accccgagcg ccttgacagc ggagccgggg cccatcagta atagtgcag cggccagg 300
tgcccggtggc cgtggggctg ggccccagcg tgccgtgtgc cagcaggtcc ggctgccc 360
tgccgcagat ctcccgcagg atccgttcgc gctcctccag ccgctgcgcc cgctccagct 420

cctccgccga	cgtgaagacg	ttgacgttga	ggggcccgtc	cggctctgcg	gacagctcgg	480
ggcccggcag	cgtgtcgtcg	gggcccagcc	gagtcaccgt	gtcctcctcg	tcctcgtcgt	540
cgtcctcggg	ctccagggtg	ctgctgcggg	gggtcccggc	ctgagccggg	ccccggggcc	600
gcgggcgggg	cgccccacgag	atgctgatga	cgagcaggca	gaggggtgagc	agcaggccga	660
agcagacgcc	cagcacgaag	tagaggccga	agctctcggg	gttggcgcgg	atgtgcgcgt	720
aggcagccag	gctgttgctg	agcaactcca	tgtcccttcg	cggggcatcc	atgtcgtct	780
ggggggcagc	ttcccctacc	agcctgcgag	gtcagcaaag	tcagatcctt	ctcccagcct	840
ggagcccacc	cagacccctt	ccgcgggcag	ctcctctccc	gggagccgcg	ggcccagggt	900
ccaccctgga	gagagcgctt	ccctaacttc	gtggcggccc	ggggccctgt	cggggggaac	960
ccctctcccg	ggcgcggacg	cccctccagt	cctgggagca	gcgcggggga	ccgcggggagg	1020
ccccaccccc	tggtgagggtc	cccagctgag	gcccggttcc	gccgtcccgg	ggcgggatgg	1080
aggataggga	cgctgagcct	ccacgcccc	ggcgggctcc	gggaagggaa	gctgcctctc	1140
tcctcgcccc	gccgccccgc	ggggacccac	cggcccgggg	ccaggcccac	tcaccgtcag	1200
cgccccgctt	cccggctgcc	cggccccagc	gcgtcccgcg	gccgct		1246

<210> 416

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (211)...(349)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 416

ttgggatcaa	gtggattgag	gaggctgtgc	tgtgtgctag	tgtgctgtgt	gtgcatgtgt	60
gtgcgtgtgc	tgtgcgtttg	tgtgctgtgt	gctcgtgtgt	gtgctgtgtg	tgcgtgtgtg	120
ctgtgcgttt	gtgtgtgctg	tgcgtttgcg	tgtgtgctgt	gtgtgcatgt	gtgtgcgtgt	180
gtgtgcctgt	cgtttgtgtg	ctgtgtgtgt	gtgtgtgtgc	gtgcgtgtgc	attgcatgta	240
tcttacattt	gtcttaatgc	ttttcctttg	taaaatgtgt	aaattttttt	tgattggggt	300
aatttaattc	acagtgtcat	ctgtcttcag	ttagaaataa	tggaaactg		349

<210> 417

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(558)

<223> similar to gi3875538 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 417
gtgcatgatac acgccaagct tggcacgagg gctgacccgg caaaactcag cgggggctgg      60
atagccatgc ccaagtactg cagggcgccg aactgctcca aactgcggg ccgcctgggt      120
gcagacaacc gccctgtgag cttctacaaa gtcagcgagg gacccgaagc acccagaagc      180
cagtctcgcc gccgcctccc ctacagagga atacacccct gcccagagc cctgccatcc      240
cagtctctgg ccagtgcg ctagtggtgc tgggccccac atcggggagc cccaagactg      300
tggccaccat gtcctgacc cccctggccc ctgcgccaac tcctgagcgg tcacaacctg      360
aagtcctgc ccaacaggcc cagaccgggc tgggcccagt gctgggagca ctgcaacgcc      420
gggtgcggag gctgcaatgg tgccaggagc ggcaccaggc gcagctgcag gccctggaac      480
ggctggcaca gcagctacac ggggagagcc tgctggcacg ggcacgccgg ggtctgcagc      540
gcctgacaac agcccagacc cttggacctg aggaatccca aaccttcacc atcatctgtg      600
gagggcg                                           607

```

```

<210> 418
<211> 800
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(801)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (800)...(290)
<223> similar to gi5051805 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 418
ttttttttta atctgaaaaa cagttttgcc acaattcttc aaatgttttt attggattta      60
aaattcattt aaggggtata cagatatata actagtttga tcagctacta atatattttg      120
gtgtcccttt atttttgtac ccaagagcca gttcactttt tctccatgtt caatatttag      180
ctttggtaaa atgttgccat gttcttcctc atctgttact gaagcgtagt tatttccacc      240
ctgcttggtg caagttcctc ttttaggttt ctctctgtgg gtacgttttg tgggactctt      300
ctgttttttc tcaacttcac tgtttgcatc ccacaacgtg atcttcccat cattccctcc      360
agtaagcagc aaataggatt ctgggagaaa gcagacctgg gatacccctg aagtgtggcc      420
cttaaattccc agttcctgtt cacacttaac tcccatcacc cgaaagattc gaaccttacc      480
atcttctgca ccacaactaa aaatattacc acacgaagcc acagagatag aatgggctag      540
ggcagggttt aagagctgac caggtgactg tgggccttcc atttcttctg tttcatcctc      600
ctgtaaattt gtaatccaga gtggtcgggc tttttgaaga ctccacagca tcacctgcat      660
atccagtcca catgacacca ggctctgagc ctctgaggcc gaaaagccac tgaggagcag      720
atattggaat gtctcttcaa ggatctgata actntcttgt tttccaagtc taggattttg      780
attgccccag agtcgtcagc                                           800

```

<210> 419
 <211> 930
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (105)...(872)
 <223> similar to gil244720 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 419

ggggctgtgg	tcattcttaag	acagcattcc	caggggaagca	gggatgacag	aaccccatag	60
catgagggga	ggaggagtgg	atacaaggat	gtggagaggg	gaaagactcc	cccattcctt	120
tccctcctcc	ctcgtcatag	aaagtgagga	ccaaggcacc	caaggtctga	ccatctgtgt	180
ctccagagct	cctgcatgtg	actaacctct	gtgtaaactt	ctccaaactg	cacaccctgg	240
gtgacaggcc	cctgggaggg	ctcaagggac	accccttcta	ctactatgcc	ttctatgagc	300
ttgtagccaa	aggcagttgc	ctgtgccttg	ggcacacctc	taagtgcagg	tctgcacctg	360
gaaccccagc	caatgtggtg	aggacaatgg	gaggggcatt	ctgttgctgg	tggggtgggc	420
aagctgggac	tccagagcag	gcctgccttg	ccctcctccc	tatcaggtac	atgggctttg	480
catctgtccc	caccagtcgg	tgcacactgt	gagtgcctgc	aagacctgca	ccaggatcat	540
ccatgacatg	cagcagagcc	tgggcacccc	catgcctgct	gggatgaatg	ccatgctcta	600
ctctgcctgg	ccatacctgc	cacaggctcg	cccaccccat	atctaccttt	ctggttctgc	660
ctcagaatgt	gagtgccatg	ggcatgtcta	cagttgtcac	tttgacacag	ctgtgttgtc	720
tggttatgtg	agtggaggtg	tgtgtgatgt	gtgttcagca	caacacagct	ggggcgccac	780
tgttgagttc	tgttgccctt	tcttctactg	tcacccctga	gaggatccct	gttcccctcg	840
gtcctgcaga	catgagtcct	tcaaccctta	atcccaacac	tgactcttat	ccttcagctc	900
catggtgacc	tctgacctaa	ttccatcctt				930

<210> 420
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (78)...(599)
 <223> similar to gi3879547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 420

acctactaca	gtgactccat	cttcttccct	tggggcgcca	tgcatcagat	catgccc aaa	60
gagatccctg	agatcattca	gctggacctt	gacctgaagt	ttaagaccaa	catccgggag	120
ttgtttgagg	aatttgacag	tttccctgcc	ggcgccatca	tggcatagc	cggggagatg	180
cagccagttt	acaggcacac	attctggcag	ttccggccatg	agaaccccc	gacccggggt	240
ggggggccgc	cccccgaggg	gctgccgggc	ttcaacagcg	gggtgatgtt	gctgaacctg	300

gaggccatgc	gccagtcccc	gctctacagc	cgcttgctgg	agccggcgca	ggtgcagcag	360
ctggccgaca	agtaccactt	tcgcggccac	ctcggggacc	aggacttctt	caccatgac	420
sgcatggagc	accccaagct	cttccatgtg	ctggactgta	ccccgaaccg	gcagstgtgs	480
accagtgga	gggaccatag	gtacagtgac	gacttcgagg	cctatttgag	gtgtgagggc	540
cacgtaaa	gcgtacacg	gactagcaaa	actggcatcc	cggggaagta	gggggtccc	599

<210> 421

<211> 504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (68)...(448)

<223> similar to gill196432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 421

attagaatct	gaagatat	ttaggagtaa	ttcgaagaat	gattacaaaa	tagtcattca	60
aaatgacttt	cctaactcag	tccataaggc	caggattagc	cagacacgaa	aaccaaacga	120
acatcttgag	aaaacaatgg	agcaatatcc	cttatgaata	taaatgcaaa	actcgagaaa	180
ataccggcaa	gctaaaccca	acaacataga	aaaaggatta	tatcccatga	ccaagtggga	240
ctcaccctaa	gaacaccagg	gtggttcaac	atcagtgcaa	tacaccatat	taacagacaa	300
aaaagcagtt	atcttgacag	agtagaaaaa	gcattttgac	aaaatacaac	actcttgcat	360
gatacaaaat	tcaataaact	aagaataaaa	gggaccctct	ttagtctgat	aaaggacatc	420
tagtaaaagc	tcacagctaa	caccatcact	ctttaacatc	acagttaaac	agtaaaagac	480
ggcctcgtgc	caagctggcg	ttgc				504

<210> 422

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(430)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 422

agctcactgt	caagcagagt	tgaatgcgta	gttgggtgag	aggagtgtag	ggcagcggcg	60
ggcagcaaca	caataaacca	actagatcta	acacacatcc	agacattcta	ccaagaacaa	120
tagcagcata	tacatccttc	tcaataagc	atgagtcatt	ttccaggata	caccatctgt	180

taggccacaa	attaggtctc	aatcaatttt	aaaatgtagg	tatcatacaa	actcttctcc	240
aaccacaata	ggataacgtt	agaaatcaat	aacagaagta	aaactgaaaa	atccacaaat	300
ttctggaagt	taaacaacac	actcttaaac	aaccaacagt	ccagagaaga	aatcacaagg	360
gaaaaagaaa	atacttagaa	tgaaaacgaa	aacgcagcag	cccagcactt	acaggatgct	420
gcaaaagcag	cc					432

<210> 423
 <211> 1393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (122)...(1396)
 <223> similar to gi5832891 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 423						
tttttttttt	gccttctgga	tttttttttt	tttaaaggga	ggttggttcc	tgcattttcca	60
ctcttttgacc	ataggaacgc	ctggctacaa	aaggggctgt	aattggctgc	tgcctatagg	120
ggccccaggt	ccttcctcca	attgcaaggc	agcaactccg	aagttctaag	tcccatggaa	180
agtggcagtg	gttgggctgg	actgtggctg	gaggatcac	gggcctcgg	tctcaagcac	240
catctgtctg	gctgcagctg	ggcccttcag	ctgggggcca	gtgttgcttt	ccagctgccc	300
ccaccgggtc	agatcatctc	tggcaaggaa	gagctgctgg	catctcttac	tgtccttctc	360
gcaggccttc	ctccaccttg	ggtgcctcct	gacgcctgcc	ccggaagtct	tcacttgaaa	420
aggagaggga	agctgcctca	tcctctaccc	tgcagggcct	cgctcaggca	cggcccctag	480
actgggcaag	agagctgacc	cgactctctc	tgcccccttc	atttgggacc	catgcagatc	540
ccccccaggt	gacgatgcat	gggtccagg	agagaggcag	caggacactc	aggtgctggc	600
cagggtccac	cactgagctc	tgagaccttg	gacaagttct	cccctcgtct	ttgggcctca	660
aatttcctca	tctataaaat	gggatggaaa	agctggacta	tctagatgac	ctctgaggcc	720
cttccagtcc	ttgtttctgg	atgcctcctg	accctcgaat	gtggcatgag	gatcagggtt	780
cagctgcggg	cccaggagg	tctgaggcag	agtcttctgg	cccacgtggc	ctttggaagg	840
gactgggtga	aagttgagaa	gcctctgggc	ccacagactg	aagctgcccc	gtgcttggtt	900
ctcaggccga	gggtccccca	tgggggcagg	cctgtctgcc	acctcacacc	caaaagaata	960
ttccccagaa	acagtacctg	gcatttcatt	ctacagggtac	acatctaggt	ggaagtaggg	1020
ctagggcccc	ttttcagggg	ttgcagaaa	ggggaagcaa	tgctcgaccaa	gtcaggggga	1080
tccatatctt	tgggtcacct	gcccaccaac	cctcagtgtg	ttcctccagg	ggacagggcg	1140
ggtgctccca	tgaaacaccc	aggaactccg	ctgggagatc	cccgatcata	gagaagttgg	1200
agcttcgata	tcccctccag	cctccccaca	cgctggggcc	tccacatcat	ccaggagggt	1260
ggctgttgac	gcgacagccc	ccagcctgcc	aggccattca	ggaaaaccgt	cccagggatg	1320
aggggacact	gccctagtcc	tcccagtcce	actgactctc	tgccccaccc	ctcaaagctc	1380
tggaggtacc	tga					1393

<210> 424
 <211> 1312
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1290)

<223> similar to gi2317934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 424

ctggcacctg	gctctggccg	agttttctg	ccagaggccc	ccactttcct	aactcgagct	60
cccttcgccc	ttcttttccg	tactgtgaag	aaagaactct	ccaccccagc	tcccaccctg	120
ccctggcctg	ggtggaggaa	ctgcgcctcc	atccccagaa	gaaacagccc	cctctgctgc	180
tgggggtggga	ctgtctgtgt	gccctgtggg	ggtcctgtgt	agcaggccca	cctggctcca	240
gacccgcccc	caacctgaga	cagaaccagg	ctgagccagg	ccctcacccc	caacccccgt	300
ttgctggggg	cttctccagc	cggcccccat	gggaagaggc	ctggtaccgc	ctcacccaca	360
gaggtctgtg	ccaggtgctc	ttctgcaggt	ggagccaagc	tctccctgag	gccagaggcg	420
gggcctgggc	cgggagccca	ggggaaggcc	aggctggacc	ccggtccac	acccacatcc	480
agcctgcagg	cctctctgca	gtcctctcac	cctccctcag	ctccccttcc	tctgcagtca	540
ccctcagctc	cccttccttg	cccgcctctc	ccccgcgcgc	cccaccagtt	aaacggatga	600
ccaaagacct	ttcttatgcc	ggaagcaaaa	accaaaactt	tttgttggct	ttttcctttg	660
tcgcctcccc	agcacctgcc	ctcccagttc	cccaccccg	ccccaggctg	gaagccctcc	720
ctccacttaa	gttattgttt	taaaccaaag	tttacagtgt	ctgttggtgg	ccaagacctt	780
ctctctccac	ccctcctcca	tccaccctga	ggaccctggg	gctcagtggg	ggcagggccc	840
tgcccccttc	ccttcgcctc	ctgcccagcc	tgggggaagg	agaaaggagg	ggagaaagcg	900
ggctctcacc	ccctcaggag	tgggcacggg	agcccttctc	cctgacctg	ggctgcttcc	960
tgggggctct	ccagaccctt	ctctaggacc	aagtcacccg	tcgtgctggg	agtgtggatt	1020
ctagcaaaa	agctggaaaa	aagtcagact	ctccacagac	cccctatggg	ggaccccaa	1080
ctcaaggcca	aggactgggc	gtatcggtg	ctcataaac	ccctggcctg	gcccctttac	1140
tgagaagact	ccttgatat	ttcccaagaa	ccccccacat	acacccctca	caagccaccc	1200
ctcctgagag	gcagggggcc	ctccgcccc	tccccatgta	ttccccacct	gtgttcctgt	1260
tgaccagcac	agaaatatta	aacgtcctct	attcactggg	aaaaaaaaaa	aa	1312

<210> 425

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(595)

<223> similar to gi483916 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 425

ggaattccag	aacaagaaaa	atattgctag	gagtaatgaa	gcatgattca	tcacgaaaga	60
aggatcaatt	ttttgagaag	acacagcggt	cctaaatgta	tatgcatcca	gtaacagagt	120
ggaagcaaaa	actgacagtt	gaaaggagaa	atagacaaat	ccacaattac	atttggaat	180

tacaacattc	ttcctcaata	actgatagaa	caagcaggca	aaaaatcagt	aagggttatag	240
aagatttgga	caatactctc	aatggactat	acttaattga	catttacaga	acactctgcc	300
cacattcttt	tcaagtgcac	atggaacatt	taccaaata	gaccatatgc	tgggctacaa	360
aacacatttc	aacaaattta	aaaggattga	aatgtagtgt	ctactctgac	tacaatggaa	420
ttaaattaga	aatgaaaaag	atacctggaa	agtctccaaa	tatttgaaaag	tgaaataaca	480
tacttcaaaa	taacctttgg	gtcaaagaac	tcacaaagga	aattagaaaa	tattcataac	540
gaaatgaaaa	tgaaaacaca	atatatcaaa	atttgtgaga	tactagaaaa	tattt	595

<210> 426

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1610)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1609) ... (17)

<223> similar to gi5739387 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 426

tttttttttt	ttcacagggc	taggtctgct	ttttattggc	cacgcattcca	gccgccagcc	60
tcagggcaca	cacctggcag	ggggcaggct	cgggtaggct	gccctcgctg	ggtgggcagt	120
gagggggcag	eggctgctgg	gtgtcacctt	gcagcccttc	aggtggacct	gtattgtccc	180
cagggcctgc	ccacgctggg	cagctggcac	tgggaggggt	tttctgttga	tgtgatggcc	240
aagtttcagc	tgcagggcag	aggcctggca	gtggcagcaa	aggcagaccg	cccccaactc	300
caacttcagg	ggctggacat	gctggaacgg	gggccagacc	ccatgggagg	ggaccctggc	360
ctgccatggc	actgcctgcc	agcttaccct	tgcccagggc	cccccaactca	gccacctcca	420
agcagtaaag	acttgcaaag	cattgcattt	tgattaaacc	ttgctgggct	gaagggcagg	480
cagagctgtg	gtggacactg	gcaggacgca	gcaccccccg	actggccctt	ggcaggctgc	540
accgggcgca	tgccgggtgtg	ggccagggtt	gccttttagga	agcagggtggg	aggctggcac	600
gtgcaggcgg	tccaggaggg	caccaggcct	ggcagggcac	tggtgcctgt	cgggttccca	660
gccacaacac	cccaagaagg	ctccaggagg	gccccggctg	ggtaaggcac	ggagttttgg	720
tttcgggggc	ccagtcccag	cctggccccc	agaagagcct	ctcttggcag	aatggcagca	780
tgctctgtgg	cctgggctct	ctcacttggc	cttgggcctg	ggcctgaggc	cttactggat	840
cacacacagt	ttctttgttt	tattatcctc	agaatcaggg	ggaacctctt	cctggctcct	900
ggagggacgc	ttcttcttcc	gcttcccggg	cccccttgag	gcccggcccc	gggcctggg	960
gagtgtgccc	gaccccgagg	agtcggtcac	cgcattcctg	gagaaggact	tgtccaggga	1020
tgtgtccagt	gcggactctg	gggcgctgtc	ctcctcgctc	tcgtcctcat	ccccacctgg	1080
gcctgctgca	gggggtctgg	caccacggct	gtggacagcg	tcctccagcc	cctcacttgt	1140
gctgtcgccc	tcggcctgga	ggacgcccag	caaggacgtg	ggatccttgg	catcttgctt	1200
tgaacttccg	gctgcagggg	gctgggttgt	ggagaacttg	aggggcttca	gggcctgagc	1260
atctcccaga	gtcacgggcc	aggccccctc	caagggtctg	gggcactggg	gacccctcgt	1320
ggttaggaca	tcgctggcat	ccacatacca	ggaagaacgc	ctctccaggg	gccggggacc	1380
accctcctcc	aactgctcca	gggtgggctg	agggccgggg	gtcacggcgt	ctacaaggtc	1440
ccagccccgg	gactcgctgg	ctgttgttagc	atcaaggccg	ggctcagagg	cgggacagcg	1500

```
cgtgctgccc acggggtctc ctgcagggtt actggtggcc acaggctctg tggctcttgg 1560
gggatccagn ntccnccgc nctccagng gtctcaatag ggtgtcaaa 1609
```

```
<210> 427
<211> 660
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (5)...(652)
<223> similar to gi4185939 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 427
ggaattcgct gaaggggaatc aaatggctga ccgcctaatt gctaattgcaa tctcaaatgc 60
tatacacttt cacaatttaa cccatgtgaa tgcctctggt ctcaaacgca gatgcagtat 120
tacctggaaa gaagctaaaag ctattatcca gcgatgcccc acttgccaaa tggcccatc 180
ttcatctttt acaggaggag ttaatcctcg aggattggaa cctaactctg tttggcaaat 240
ggatgtcaca catcttccct cgtttgggag actagcttat gtacatgtat gtgtggacac 300
cttttctcac tttgggtac aggccaatca ggagagcctt ctgcctgtgt taaatgtcac 360
ctcttgagcgt gttttgcagt gatgggcatt ccagcttcta ttaaaacaga taatgcccc 420
ggctatccta gccaaactct agctacattt ttctctttgt ggaatattaa acacattact 480
ggtatcccat acaatttca aggacaagcc atagtggaaa gaatgaatct ttcctaaaa 540
cagcagttgc aaaagcagaa agggggagac agagtatatg gaaccccata gatgcaactg 600
aacctagcat tattaacttt aaattttctg agcctgcccc aggccagaag ttatcagcag 660
```

```
<210> 428
<211> 1072
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (158)...(1050)
<223> similar to gi30058 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 428
tttttttttt ttaaaaatcg gcatgctcct ttatttggtc agaagagcag ccagcatcac 60
cctcgccact caaacctggc acatacgctt cggagacaat ggcctcggga ccctcatgct 120
gctgggcccc ggagagacag ttctgaggca gaaactcggc gtccaagggg ggccgcggt 180
caggcactgt ggtgaaggga acgccgggga gtccggcccc accttgacgc tggggacacg 240
```

ggggcgcaaa	cagagggggc	aggctagtgt	cccgtgccc	caggaacaga	cctcagggcc	300
ccaggagggt	ctgcaggcag	ctaggagcct	gccaagtgt	ggtggaagta	gaggccgaaa	360
aggctggcga	gcagctggca	ggcagccgtc	caccagatga	ggtaggccag	gacgccacgg	420
aggaagaggg	gagtaagcag	gccacccaga	gccccggcaa	tccgcgctgc	agtctgctgg	480
acttcgtcct	ccccagagcc	gatgggggca	gcgctggctg	aggatgggtc	gggggatatg	540
agaggagctg	ggcccaggcc	ccaggaatag	cctcccagcg	tcttgagcag	aagtgtgcag	600
ttgagggtga	ggatgagcgg	cgtcaggtag	tgcaagctca	ccacggtcac	atagcagtag	660
actcggacca	ccctctgctg	gatttcacgg	gcttcgatgc	ggccagcctc	ccttcgcagc	720
tgctccaccc	gggccttggc	caggcacagg	taggcctgca	ggtggggccg	ggtcaccgcc	780
agccgcagca	ggcacagcac	caccagcaac	cagaggcgcc	cagagtcgaa	ggcagaatcg	840
gacagcaggg	agaaaacgct	ctcccaaac	ggcggctggt	gcaggaagtc	ccgtgcaatg	900
ggctttgtcc	agagccacag	gatgaacagg	ggagacagga	agctggtgtg	caggaggaac	960
ctgggggggtg	agggcaggag	ggagtgaggc	ctgggtaccc	cctctcctcc	acccgggact	1020
tccggaccgg	tacggcacgc	gtaaagggtta	tcaatggttt	caatccccac	ct	1072

<210> 429

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (177)...(1314)

<223> similar to gi3641655 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 429

tttttttttt	atggggcggg	aactttttat	ttgaagcaag	ttaatcatag	cattgcccc	60
cagtaccctg	gtatcctgct	acaaggagca	tcacaccatt	tgggcacatg	gtgtgccctc	120
tccactagcc	tggcatctca	gcagacagca	gagggcagca	gaagctcagc	tagtggggcc	180
cctcccacca	gccccaccc	ggtccactga	aaggcagtgc	tcctgggggc	ctctgtggac	240
tggtggggcc	agggctgcaa	cacgccctca	ggccaagctc	cactctgggc	accctcgcag	300
gtaactcagg	tgcttgagc	tcggccagct	ctctaattca	cccaaggagc	ccgcccagct	360
caagggccac	atcccaaaga	caggggtgaac	caggggacag	tccaagcctg	agaaagcgac	420
agctacagga	aggaaggcag	aaaggctttc	agatgagggg	aggtcttctg	tccatgggtg	480
agctgggatt	cacggccatg	aaggaaacgc	caaggagaac	agagacagac	acccctggca	540
gctccccggg	attgcttctg	ctgctgttgt	tattgcttcg	ggcagagggg	ctttgcccc	600
aggaggccaa	gcaggccctc	agaagctggc	accaccattc	tcatecttat	cagttccggg	660
gggggcacgc	tgggggtgag	cagagggggc	cccctccaag	cagagaggca	aggtaacagg	720
agagcctggt	aggcagtgt	gaatctgctt	gtatgcacac	gtgccctgac	atgtttatag	780
atggacaccg	ggtgcagtgc	gggcgtgtga	gtgtgtaatg	agtgtgtccg	tccgcgtcca	840
tgtgagcatg	cagacggggg	ggggcagggg	tgagtggccc	cggggaagca	tgacagatat	900
ggctgtgggc	tacagcgggg	agcaagagca	ggtaaacaat	gcctggagca	ccaacaggaa	960
agaccagagg	ggcagaagga	gaagcacaa	gacaggagga	tgcggccccc	ctcgctccca	1020
gcaccccgc	ccactcgtgc	atgagacagg	gggcagagca	tgggaaaggc	tgcagagtag	1080
ggggggcctg	cagttggggg	cacgggaact	gggcgttagg	tgtcccaggg	gtgcctggtg	1140
ttcatgctga	ttgcagtgat	gatgcacgtc	ctcctggggc	agtcacaggg	gtgcgcctgt	1200
acacactggg	cgtgtgcgga	tacaagggca	tgaatgcagg	ttggtcgctt	gtcttcacac	1260
aggcatacgt	aatgttcgca	gagacaaccc	cccatcctcc	agtggccacc	ctgagcgaac	1320
gcgtgggtcg						1330

<210> 430
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (45)...(826)
 <223> similar to gi2072961 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 430
taccacaatc atgactatat aaggagtagc tatacttacg ataagagact ttgtatcaaa      60
cacagtaggg atgaaatcag gaagaggata caaaaattgt aaatatatat gcccccaata      120
tcagagcacc cagatatgta aggcaaatat tattagatct aaaggggaag acaatacaat      180
aatacaataa tacttgtgga cttcaacacc ctactttcag caatggacag atcatatata      240
tagaaaatca acaaagaaac accaagttaa aactgacttt agaccaaag gacttaaaaag      300
acactaacag atcttttcat cgcacagcta cagaatacat attttttttc ataagcacat      360
gcaatatttt caaggagagg ccacatgtta aaccacaaaa caaatcacia aaattaaaag      420
aattaaaatc acatcaagta cctttctgac cacaatgaaa taaacctaga aatcaataac      480
aagaggaact tttaaagcag cacaataaaa tggaaattaa ataacatgat tctgaatgac      540
caatgggtaa tgaagaaatt aagaaacaaa atttaaattgt cttaaaatga gtgaaaacag      600
aaacacaaca tataaaaatg tatgggatgc agcaagagca gttttaagag ggaagtatgt      660
agtaataaac acctacatca aaaacaagaa agatctggct gggcatgggt gctcacacct      720
gtaatcccag tgctttggga gcccaaggca ggaggacgac ttgatgctgg gtcaagacca      780
gcctggggcca tatatatagc aagaccttat ctctaaaaaa aaaaaa      826

```

<210> 431
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(838)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (401)...(385)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 431

cgagccacgc	gtccgcttaa	atTTTTgttc	tggctgtggc	tttatgcttt	cctaaaaatgt	60
ggcctgtaac	gggttattgg	taaatatgct	gaattgcttt	ctttggcaag	tgcatTTcag	120
tattgaatcc	aagtaaaaaac	acaaatattt	acttataaaa	gtcatttggg	gtagtaatat	180
ttttactatg	gccactgacc	cactagtga	atgttagggc	attgctagat	tggtacctgt	240
ttattttaagg	gccgagagaa	agagaaaagct	aacattaatt	gaatgcctat	taatgtgcca	300
tcatatttgg	tacactatta	tctctTTTT	gctttcccag	caactcgga	agtttatatt	360
atctctgttt	ttccagcaag	aaaagtagct	ctcaaagaaa	tttatagaaa	ttgagaagtt	420
gattttttaa	ctctgaaaat	gtaaacaatc	caaaatagtc	aaaccaattt	ttaaaaagaa	480
caaagtTgag	attcttgtat	tggctgattt	taaggcttgc	agtaaagcta	caagacagtg	540
tggTgttgg	gaagagctgg	acataataat	cagtagagta	ggataaagtc	cagaaataga	600
cccatacata	catggtcaat	tcgTTTTga	caaggcaatt	taatggagaa	aggaaaatct	660
tttcaacaaa	ccatgctaaa	acgactaggt	ttccatatag	agaaaaaaat	gagcctcgct	720
taaaagggtc	gtagacctaa	atataaaagc	tnnnnnnnnn	nnnnnnnnnn	nnnnnnnncc	780
gtgtggagtc	tggagacgac	gtgcagaaat	ggcacctgga	aaggggaagg	aaaagaa	837

<210> 432

<211> 888

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(847)

<223> similar to gil340175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 432

TTTTTTTTac	tatactaata	gattatgtat	attataaaaa	acacaataaa	aaatagacat	60
tttaaaggga	tgagattaaa	atatagaaag	aaaattccca	tatgtTTTTc	ctgctgccgc	120
tggggTtTgt	tgtccatctt	tggggacctc	tgaggagggc	cctggagcca	ctgagagggg	180
cggtggTcgc	caggggtctg	gaaaatggag	taaggaggcc	tgaaggggcc	ccagggaggc	240
ttcggggagg	caggggtcgg	ggttacagct	ccgcgcgcgt	ggggaagcgg	aatctgcggg	300
cggaggccgg	ggcaccgtgc	tgtccagggc	aaggggaacg	cagtcccgcg	gcacccacga	360
cggaggggcc	cggccgcggg	gcctggTggc	ccggggagcc	agggcatggg	catccggggc	420
agaaggactg	cgggcgcgaa	gcttgggagg	cagggTactt	ggggcccgga	gagtcgctcg	480
ggcctggctc	cggcagcagt	cgcgacaggt	cctccaccag	gtgccacttc	tcctgaacct	540
gctgtgagga	gaacaagtgg	cgagttgcga	caggcgctgc	ttcccacgag	cgggtgtgag	600
gacagcagcg	gcagcaactc	tgcggcccat	gggccagccc	gcacccaaag	tagccagagg	660
ccacgccccg	cccaggcca	cgcgccgcgc	gaggccacac	cctcccaggg	ccacgcccc	720
ccagggTccc	gcccgcgatg	agccctagac	cacgcccTca	ggagttccgt	ccccaacgca	780
gccagatgcc	actccttcca	cgtccccgcg	ggagcccaca	ccctcccagg	gccacgcccc	840
accagggTac	cgcgccgatg	cagccctaga	ccacgcctc	ctgcctcc		888

<210> 433

<211> 677
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(677)
 <223> similar to gil724122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 433

gcgcgcggggc	atcagcatcc	ttttaagttt	atcaaaacat	gcccgggtgtg	gctgcagctg	60
agtctggggc	aggcagaggt	ggccaggatc	ctgcaccggg	tgggtggctgg	gatgttcctg	120
gttcgcgggg	acagcagctc	gaagcagctg	gtgctctgtg	tccactttcc	ttctctgaac	180
gaaagctcgg	ccgaggtgct	cgaatacacc	attaaggaag	aaaagtcgat	attgtacctg	240
gaaggctcgg	ctcttggtgt	tgaggacatc	ttcagattga	ttgcgttcta	ctgtgtcagt	300
agagacttac	tgcccttcac	actgcggcta	ccccaggcca	tccttgaggc	cagcagcttc	360
acggaccttg	agaccatcgc	caacctgggt	ctgggtttct	gggactcctc	gctgaatcct	420
ccacaagaaa	gaggggaagc	agcagagccc	ccaagagacc	gggcccccg	attcccccta	480
gtctccagcc	tcaggcccac	agcccatgac	gcaaactgtg	cctgtgaaat	cgagctgtcg	540
gtaggaaatg	accgcctgtg	gtttgtgaat	cctattttca	tcgaggactg	cagcagcgcc	600
ctgcccaccg	accagccacc	tcttggaat	tgccctgcac	gccctttacc	gcccacctct	660
gatgctctcc	tgctctcc					677

<210> 434
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> similar to gi2477513 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 434

gccatgtcag	tgccctgggca	ggaggagcat	atgggtccggg	tgcacgatgt	cattcaacag	60
ctgccgccac	cacattacag	gtaaaccaga	aggggcaggg	cgggtccttg	tggtattcca	120
aggggggtga	ggctcaggtg	ccccctctgc	ttcctcccc	aggaccttgt	agtacctgtt	180
gaggcacatg	gcccgcctgg	cgagacacag	tgccaacgcc	agcatgcatg	cccgcacact	240
ggccatggtc	tgggcaccca	ccctgctacg	gtccatgaag	ctggagtcag	tgggaatggg	300
tggcgcgggc	gcgttcgggg	aagttcgggc	ccagtcgggtg	gtgggtggagt	ttttgctcac	360
ccatgtggat	gtcgtgttaa	gcgacacctt	ctcctcctgc	ctcc		404

<210> 435
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(723)
 <223> similar to gi2047353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 435

ctcaggtagg	cgctgatggt	ctgggggatca	gtctccatgt	ggattgcctg	ctgcagggcc	60
agggctgtgg	tgctcctgac	gctgtcgaac	agaggcaggc	gaggcaggtc	ccgcagcagc	120
cactgatagc	cctgcagcac	atctgtgtcc	cccacatcct	cctccatggg	gggctccttc	180
tcctccccgt	cccgcaggct	gccctccgaa	agcaccagcg	acaaaccctt	catggccagc	240
acgcgggagg	ccacctggga	ggagccgagg	cgccgcāaaa	agtagtccag	cacctcacac	300
gtggtttgct	catcagcctt	cgggccaggt	agcaggtcct	gcaggcgggc	cagcagctgc	360
cgctgctttt	gttgccctctg	ccgcttcttg	gccttctgct	ccttgctctc	gccctcgtcg	420
tcctcctccc	cgggaagcagc	atcgctccaca	gcacgtgca	gcaggaactc	gcacagacac	480
tgacggggca	gcacgtccag	ggagccctcg	ctggactgta	ccaggtcctc	cagccagggc	540
atggactgcg	aggaggcctg	ccgctggatg	atgtggagga	gaaagtcagg	gtttcggctg	600
cggcacaaga	ggtgcccag	gcggagggac	tggttgaggc	ttttcacttg	atccaggatg	660
tgagggggag	gcctccgggg	gggcccttgg	gggtccaggc	tggtgagctg	cgacaggagg	720
aggctgctgc	tctcagtgat	ggtctgcttg	gtggacgcgg	ccc		763

<210> 436
 <211> 580
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(574)
 <223> similar to gi4761233 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 436

gtgcaattca	agtgtctaac	cacgaggacg	ggcagatgaa	caccatctgg	ccagcctcgg	60
tgacggctcag	cgtcaatgcc	acgccgctca	ccatcgagcg	tgccgacaac	aagacctcgc	120
acaagccact	ctacctgaag	catgtgtgcc	agccaggccg	caacaccatc	cagatcaccg	180
tcaccgcctg	ctgctgtctc	cacctcttcg	tgtgtcagct	agtgcaccgc	ccatccgtcc	240
gctcgggtgct	gcagggcctc	ctcaaaaagc	gcctcctgcc	tgctgagcac	tgcatcacca	300
agataaagcg	gaacttcagc	agcggcacca	tcctggcac	ccctggggcc	aacggagggg	360
acgggggtgga	gcagacagct	atcaagggtg	ccctgaagtg	ccccatcacc	ttccgcagga	420
tccaactccc	tgcccagggt	catgactgtc	gccacataca	gtgctttgac	ctggagtcgt	480


```
acctgcagct caactgtgag cgggggactt ggaggtgtcc tgtgtgcaac aagacagctt 540
tgctggaggg cctggaggtg gaccagtaca tgctgggcat 580
```

```
<210> 437
<211> 944
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(757)
<223> similar to gi2864625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 437
aaggaggacg tgatgacgtg cctgattaag ggggtgcaact tcgtgctcaa gaacatcccc 60
catgaggcct tcgtgtacca gaaggattcc gaccctgagt tccggttcca gaccaaccac 120
ccccacattt tcccctatct tcttgtcaat atcggccttg gagtctccat cgtgaagggtg 180
gagacggagg acaggttcga gtgggtcggc ggcagctcca ttggaggcgg caccttcttg 240
gggcttggcg ctctgctcac caaaacgaag aagtttgacg agctcctgca cctggcctcg 300
aggggccagc acagcaatgt ggacatgctg gtgcgggacg tctacggcgg cgcccaccag 360
actctcgggc tgagcgggaa cctcatcgcc agcagcttcg ggaagtcggc caccgcccag 420
caagagttct ccaaagaaga catggcgaaa agcctgctgc acatgatcag caacgacatt 480
gggcagctgg cctgcctcca cgcacggctg cacagcctgg accgcgtgta ctttgagggc 540
ttctttatcc ggggccaccc cgtgaccatg cgcaccatca cctatagcat caacttcttc 600
tccaaggggg aagtgcaggc gctgtttctg aggcacgaag gctacctggg agccatcgga 660
gcgttcctga aaggagctga gcaggacaat cctaaccagt acagctgggg agagaactat 720
gcaggcagct cggggctgat gtagtgcata cccgagctcg gcccggcgca gcgggcgcgg 780
agtggcactt ttgacttgct ggtagtgage cgggtggaaa ggccactggt tgaactgccg 840
cttcttcttg acccgccctc ctacgtgccc gacacggtgg aacttactcg atgacgctct 900
ggcctgaaaa tcctggctca actgctgtga ggaggccctg ggcg 944
```

```
<210> 438
<211> 982
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (378)...(982)
<223> similar to gill82038 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 438
gcgccggggc acatagccac tgcccagagc tgccccaga gctgggagcc atcttgacaca 60
tgggtgctgtg agatgccctc cagagaggaa gatggaagct gtctccgtgc cccgggactg 120
atgaagggcc cattccaggc ctttgggcac ccgggctcgc tacccttctg ggagccctgt 180
cctgtggggc aggacaaagg tgccctcact ggtggcattc tcagaagctc agccactccc 240
cacacatgca cataggggag tgcccacacc aagccacgtg tgggtgtctg gggacaatga 300
gtcttggggg aggggggtggg tcccttccag aagggtctgg ccaaagtcca gttatgaagg 360
tgagctgaga tgggctccct caaaggagcc atagtgtggg gagccccggg cagagcccag 420
agagaaatgc cagccccgag accgagacac gctccaagga gtgctgcaa gagcagtaga 480
cacagccgct gagggccacg gggcacagtg aggtgtgtgg agagggtggc ccctctgtgg 540
ccatttccct gcctgtgtct acatcccctc ctccagcctg tctcaccagc tcttgacgcc 600
catgacccac attctgtttg actctccttc ctctcctggc aacagggatc ccagtgtccc 660
tcaccattcc ttctgggtct tctctgcct cccggaactg ttcccagga ctctctcctg 720
ggtcagccct tcctcccact ccacatcagt ggttccgaac cccggatgcc tttgggatca 780
gctgggtgca ttttaaatcc ttccagccca gagccctgag gcccagtca cccccgctg 840
ctcctgtggc accccttgga tcagccaacc attttatcat catccatcac gtcccctgtc 900
accaagagcc tctggcatgt tctgtgtgcc ccacgcccac actggcaccc ctcacccacc 960
aacctgtata tctcctgcct cc 982

```

<210> 439

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(604)

<223> similar to gi2121220 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 439
tttcgtgctg aggatgaggg tgaagagtac agccctctgg agggcctgcc accctttatc 60
tcactgcggg aggatcagct gctggtggcc gtggccttac cccaggccag aaggaaccag 120
agccagggca ggagaggtgg gagctaccgc ctcatcaagc agccaaggag gcaggataag 180
gaagcccaa agagggactg gggggctgat gaggacgggg aggtgtctga agaagaggag 240
ttgaccccg tccagctgga cccacgtggc ctccaggagg cactcagtgc ccgcatcccc 300
ctccagaggg ctctgcccga ggtgcggcac ccactgtgtc tgcagcagca ccctcaggac 360
agcctgccc aagccagcgt catcctctgt ttccatgatg aggcctggtc cactctcctg 420
cggactgtac acagcatcct cgacacagtg cccagggcct tcctgaagga gatcatcctc 480
gtggacgacc tcagccagca aggacaactc aagtctgtct tcagcgaata tgtggccagg 540
ctggaggggg tgaagttact caggagcaac aagaggctgg gtgccatcag ggcccgggtg 600
att 603

```

<210> 440

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(697)

<223> similar to gi2760483 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 440

tttcgtcccc	gaggctcggc	cggtggggcg	agccgggggtc	ctctggggatt	gtcaggcctg	60
tccagcctcc	cgcagcatcc	ccgccccctc	ccccggcggt	caagatggag	ggagcgggcg	120
gcctccccctc	cccacgcgtg	ttgggagggg	ttctcgggta	gcggcgatgg	tcagccccgg	180
ctcccccttc	cgcacgatcc	tccgccccga	gcgtggggat	gctcgggcag	ctcctccact	240
cccggttttag	gtgtgaacgt	tggaggggtc	tggaggctgt	ggtggcggtt	tccggaacat	300
gtccccctcc	atggggggaca	tctctggagg	ggagaagtta	gggcccgcgc	ccccgtgccg	360
gttaaagggg	taggcaccgg	gctcctccgg	aatcatcagg	gtctgtcggg	gctctctccc	420
cgccccctcc	gagtcctggg	aaagatcgga	ggacgggggtg	gagacaagtg	ggccttgggc	480
cccgcacccc	tctgcgttcg	tgtccgaggg	ggcggcgggg	gctcccgaac	tcccctgaaa	540
tcgtgggggt	ccatgtggcc	tccggcagcg	ttccaccctc	ccccacctgg	ggaaggggaag	600
gggtgggggag	tgccccggccc	cgccccggcc	ttctctcttc	ccccgccaga	cctctccggc	660
gcgcgggttg	tggtcgatcc	gcattgctgt	tcgaggg			697

<210> 441

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (222)...(724)

<223> similar to gi2653353 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 441

cctgtggaag	aagagcagga	tggagagcat	ggtctggctcg	atgttgcggt	tgcagatgcc	60
ctcgtttgatc	aggtagcagg	ggtcccgcag	caccggctct	agcgaatcct	gccgcattat	120
gctgttgagc	ttgtcgggat	tgaggttctc	aaagaccagc	ttttcctgca	gctgccgaaa	180
gttgctcact	gtagggctgc	ccgggttggt	gttctccccg	ctgctgcctc	gctggagccc	240
actccgatgg	gccaggteca	ggcagcagtt	gcagcagtcg	aggccgacag	gtgagcggca	300
atcgagcttg	gactgggcca	tcttctcagg	ctcggaggtc	gcctggcctg	cgaggctcagg	360
ggcggctggc	aggtgcgcgc	ccaccgagct	ggcctgaggg	gactccaggg	tgcttgaaaa	420
agacaagctg	tgaggaaaag	agttggaaat	tagcgcctaa	agccagccac	cttcggctcg	480
gcccccttct	ggctgtactg	ctccgggtgc	gaatagaaac	agctggacaa	acagctccga	540
gcggatcctt	cgggtcact	tctctctctt	cctctctctc	ctccccctcc	tcttgaggcc	600
gggggcccgc	cccctgaggt	gccacacgcg	gccccagcgc	agtcccaagt	ttcccaagtg	660
tgagcgggga	ttggggcgga	cctgtggagg	caggaagggc	gggcagcagg	gcagagggag	720
agccagggcg	cgcccttgct	ccctccctcc	tttgctccct	ccctccccgg	tttgaggct	780

```
ctcaggctct cgggctcccc tgggctgtga cggctgagcg gtggcaggag ctgagagcga 840
gtgagctacg aaatcgctcg 859
```

```
<210> 442
<211> 1569
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (9)...(1435)
<223> similar to gi211610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 442
ctctcttccc cgctcttccc aggaaaggcg gggcctgggc gcccgcgga aaccgggcc 60
cgttgcatcc gctgggtgta gccgtgggga tggcagggtc ggggaggctg gtcctacggc 120
cctggattcg ggagctgatt ctggggtcag agacaccctc cagtccacga gccgggcagc 180
tgcttgaggc actacaggac gccgaggccg cggtcgcggg cccatcccac gcccctgata 240
cgtccgacgt cggggccacg ctgcttgtgt ctgacgggac ccacagtgtc cgatgcctgg 300
tgacgcggga ggccctggac acctcggact gggaggagaa ggagttcggc ttccgcggga 360
cagagggccg gctgctgctg ctgcaggact gcggggttca tgtccaggtc gctgagggcg 420
gcgcgcccgc agagtcttat ctccagggtg accgcttcag cctgctgccc acggagcagc 480
cccggctacg ggtgcctggg tgcaaccaag acttagatgt tcagaaaaag ctctatgact 540
gccttgagga gcacctttca ggtccacct cgtccaatgc aggcctatca ctgtcccagc 600
ttctggatga aatgcgggag gaccaggagc atcagggggc actcgtgtgc ctggctgaaa 660
gctgcctgac actggagggc ccttgacag caccctgt caccactgg gctgcctcac 720
gatgcaaggc cacgagttca tgtcccacag ggagaagctg tgtacactgt cccagctca 780
atgctgtgca tctctgagaa tgaccagcta attctgagct ctctaggccc ctgtcagagg 840
acacagggcc ctgagctgcc cccaccagac ccgctctgc aggacctatc tctgaccctc 900
atagcctctc ctcttctctc acccagttcc tcaggaaacc cggccttacc cggccacatg 960
tcatccgagg aaagtggtag cagcatcagc cttctgcctg ccctgtcctt ggctgctcca 1020
gacccagggc agagaagcag ctcccagccc tcaccagcca tctgctcagg cccctggcca 1080
ccctgacccc cagggtcccca cagccagcc gtaccccccag ctcccactc cagagctgca 1140
ctcccagctc ctaccccgt agccatgtcc ccagtccaca ccaggctctt gtgaccaggc 1200
cccagaaacc tagcctggag ttcaaggagt ttgtagggtt gccctgcaag aatcgggccg 1260
cttttcccag gaccggagct accaggggag cccaggagcc ctgctctgtc tgggaacccc 1320
caaagaggca tcgtgatggg tctgccttcc agtatgagta tgagccacc tgcacgtccc 1380
tctgtgctcg ggtccaagct gtcaggcttc ctcccagct catggcctgg gccttgact 1440
ttctgatgga tgcacagcca gggctctgag caactccgat gtgagacgtc acgcaggaca 1500
gataccgctc cacactctgc ttcccttgag ttttttaata aaataatctc atgcggcaaa 1560
aaaaaaaaa
```

```
<210> 443
<211> 661
<212> DNA
```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(662)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (153)...(657)

<223> similar to gi3660535 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 443

ccggtccgga	attcccnnnn	cacgatttcg	ttgatccttg	tgctaaatcc	acggcagcat	60
cagacgttgc	tgaatagctg	gtgcgggagg	ctgcagctgg	ccatggggac	tgcagcccct	120
gcctccgggg	ctcactcctg	ggcgggcaga	cggtggctaa	ggcagacagg	cagttcttat	180
ggagcttcag	gctgcccggg	gaggcgcaga	agattgatcg	catgatggag	gctttcgctt	240
ctcgctactg	cctgtgcaac	cccgggtctt	tccagtcac	aggtcagtcg	agagcccaca	300
gcctggcccc	ttgccaggca	cagcctccag	ctctggaggg	ggcggcccct	gtgggcacag	360
cccagcgtgt	gttcctgggg	acctgccttc	cctgagcgag	gacgacctgt	ggggccgggc	420
acctcttgca	ggcggggcccc	cagcacgcgg	ggtcccactg	tccactggag	gttctggctg	480
agcccagcac	cccggactcg	ttgcagacac	gtgctacgtg	ctgtcattcg	ccatcatcat	540
gctcaacacc	agcctccaca	accacaacgt	gcgtgacaag	cccacggcag	aacggttcat	600
cgccatgaac	cgcggcacat	acgagggcgg	ggacctccct	gaggagctgc	tgagggtgag	660
C						661

<210> 444

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (160)...(713)

<223> similar to gi530878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 444

atagggatgg	ctctgccagg	gccagccctg	ctggggaaaag	gggacaatga	cggaccccag	60
ggcccccccg	aaagcaaaca	ggattggatg	gataagccaa	gaaggatgta	ataaatgatg	120
cactatcatg	aatccccgag	cgctagaatc	gttcttttcg	tgcgccccca	tcctgtgccc	180
tctgtccagc	gccaccttcc	ccaagcacca	aaccagcaag	ttccattttg	tgctcgtcat	240
aagtccacac	tcacatccag	ccacaggcct	tcgtccgtaa	ttccccacgc	tcaccaagt	300
gtccacagct	tccaagtaac	aaagggaaaag	ctcctcatgg	ataaagggtg	ggcgcagccc	360
tttccccctt	tcctgaaaac	cctgacccca	agctcaaggc	agcaccgaga	gcaattccca	420
gccaccagcg	tcacccccag	cgccacagcc	tgccctccct	agaggctcct	ctctcttccg	480

acgcccattct	ccttgttttac	atccccagcc	cggtttcccg	ctgcccaggc	ggggaccgcg	540
gcgcagctga	ccgcggagga	ccgcacacac	ccactgaaca	cacaaaaccc	ggcgctcccg	600
gcgctccaga	gatcggtccc	caccgagcct	cgccccctct	cggaaaaagg	agccaacttt	660
gccacctcc	ccagccgcct	acatgcacag	ccggtcccct	ccgagacacg	aaa	713

<210> 445

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(950)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (75)...(947)

<223> similar to gi2317934 in the genpept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 445

gcacgttncc	agnagggnat	tccaagcttc	ntctgcaaaa	ctcctttccg	ctgtgaactc	60
tggctcagac	agtggctctg	atgcagtctc	tgggttcccg	aaggccgtcc	ctgggcattg	120
gggggtgtccg	ctgtccccc	gctggccac	gcttagtgcc	tgtccccact	tctgcagagc	180
ttcctcaaac	agctccatgc	cttgcatgta	caggctctct	gcattgccgt	cgctggtggt	240
cagagactcc	tccatccctc	tggcatccca	tagtcccgag	cacgcggctg	tggggctgga	300
tgagttcaet	gccatcatcg	aggccacact	gtgggaggag	ccccgagtgc	ttgctgggct	360
caatggaaga	gatgccactc	aggggtgctg	tgtctctgct	gctggggctc	tggactctcc	420
ggctggagta	tcctttcttc	actgaaggga	ccttcctggc	caagaggata	gggaggggca	480
ccgtgcccag	ctgtctccct	cccattctcg	gaccaacctg	cttcttcctc	ctccgtcgcc	540
tcttcagctg	gtgggcagcc	agggccaggg	ccacagtccc	cagggccgtg	gcaaagagga	600
ctttccgcag	gcctggcgct	aaccgtagct	gggagaatgc	agactgccca	aacgtcgtgt	660
acaggaacac	ggggatctcg	gccaccgtca	tggccagggc	ctggatcata	gacgtgccct	720
cggccctccg	gaacgccatg	gcagggccaa	tgccccaggc	aaagtcctca	gggccaagag	780
cttccaagga	gaacgtcttc	aactggttgc	cagctgggtc	ccaggcacca	tccacgcccc	840
agaaggacag	ggacacacat	accagagggc	ccctccacag	agccgggatg	ccatcgctgc	900
ggaagggcag	cgtctccttc	cccacgaaat	cgtcgacccg	agtttccgg		949

<210> 446

<211> 990

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (153)...(695)

<223> similar to gi3327230 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 446

caaaagaggg	tggttcctca	gccgcccctc	acgtggcagc	ctccacggag	acttcctgga	60
tcttaatggt	ccttctccca	ctcgtaagtc	cacactgact	gggggagttc	aaaagcagag	120
gtgcattcag	cagggctggg	tatgactaag	gagactatca	gggcaggagc	agaggccaca	180
gcatcaacag	cggtaacatc	gggcccttgg	cattcctggc	acacccctgc	ccagaggcag	240
gagtcctga	ccagccagct	tctccatag	catgacctgt	gccaaatgta	accatggatt	300
ctgctggcgc	tgcctcaagt	cctggaagcc	aaatcacaaa	gactattaca	actgctctgc	360
catggtaagc	aaggcagctc	gccaggagaa	gcggtttcag	gactataatg	agagggtgcac	420
tttccatcac	caggcgcggg	agtttgctgt	gaacttgagg	aaccgggtgt	ctgccatcca	480
tgaagtgcc	ccgcccagat	ccttcacctt	cctcaatgat	gcctgccagg	gactggagca	540
ggctcggaag	gtgctggcct	acgcctgcgt	gtacagcttc	tacagccagg	acgcagagta	600
catggatgtg	gtggagcagc	agacagagaa	cctggagctg	cacaccaatg	ccctgcagat	660
cctcctgggt	gagccacccc	tgccagccag	gccctcctcc	tgccctcctc	cctctgttgc	720
acagcccggc	ccctcccaga	caggtcaagc	ggcaccctta	ccttcctctc	ctcctcttcc	780
tcttcattct	tcatggcctt	ctcactgcct	ggctgttaaa	gctcaggctg	aaagcctaca	840
ttgtaagggt	cccaagggcg	cagatgttcg	tggatgattc	ttggatcctg	ggctttaccc	900
tgctccccta	gggagcttca	tgagaatgtc	tagagctgca	cctggtgctt	ggtagacgtt	960
ccataggtga	ttgttgagg	aaggaatgga				990

<210> 447

<211> 1145

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(455)

<223> similar to gi3413391 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 447

tgaccttcta	gcaggttccc	ccagggaggg	gaggccacca	gctgactcac	cgcctaggaa	60
ggcccagggt	ctgacctagt	ggcggagaaa	aaacagccgc	acaccgagtg	tggcttccag	120
agccctctct	cagctccagg	cagcccccct	taacatgtcc	cctcctgagc	tcagccccca	180
ccccataact	ctgggtgggg	actaggtctt	gcttggtctc	ggggctgacc	gccggtcccc	240
tttcttctca	ccacagtgcc	catttttcat	ccagggagaa	cctcggggct	gggacacctc	300
ctggccctca	ccctgggtca	tgtttacagt	cctcagtgcc	ccacaccggt	ggccccctga	360
ggacacctcc	accctgacct	tgattttccc	aaacgctgcc	tcttggtgac	agactcagcc	420
caaaacccct	tccttctgtc	tctggagacc	cttgagcttg	gggaaatatg	gaggggtggg	480
tgtctgcaat	caaggcctct	gcagctcacg	gctggcccgg	tgggctggga	cttcctctctg	540
aattttaaat	acttaggggt	catttttttt	tctctggcaa	caaagcttga	tgttttcact	600
gctttagttt	cctgtttgct	gggtgggagg	gatacggctc	gtgactctgg	acttgcctctg	660
ggggaacagt	tgtcactgcc	cccggggaga	ggggcagctt	gggctggaga	agcacagcca	720

gagacagagc	ccctcgagag	ggatccttgg	ctgcttcatt	gtcttcccc	cagcaagccc	780
tgctctccac	aggcacctct	gggtcttgg	tatggtcccc	gctcacctcc	ttccagagtc	840
ctgagtgggtg	tgggtgtggg	tggcacagga	tctggggcat	gggaggggtt	cagagcttcc	900
cagagccccg	tgtcctggca	gactcagctg	gtgggctggg	gtgttaaccc	cagtcctggc	960
gtaggtttac	agactctcaa	ggtacgttgg	ccttgggtctc	ctgggagaga	ggggtgaggg	1020
atgtccccta	ccaaagcaca	aggtgggatc	aggctgcctc	ctgggtcggg	tgctggggga	1080
gctgtccggc	agcctggcag	ggagatgcaa	gggctaaagt	aaaattttgt	caagtaaaaa	1140
aaaaa						1145

<210> 448

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(585)

<223> similar to gi3599336 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 448	
agagtgtgtt	ctccaaccac aattgactca aatacttgta agctaaataa cagacttcta 60
aataatctgc	gggtcaaaga ggaagtctgt agggaaattt aaaaacatac acagacctaa 120
atgaaaatgc	agcatatcag aatttgtggg ataaagctaa acagtgcaat acagattatc 180
tgtagcacca	gtgcgtacat tggaaaacag gaaaagcttt cctcaagtcg ataatctaag 240
ctctaattctc	aagaaccaag agaaacaaaa ccaaaggaag cagaaggaag gacatttgaa 300
gagcagaaat	caatgacatt gaaaacagaa atcaaacaat agagaaaatt aatgaaaact 360
agctggttttt	ttgaaaaatt aataaaactg gcaatctcta gcaaggctga caaaaagaat 420
gtaaattatc	aatatcagga atgaaatggg atgtcaccac agaccctgca gatatcaaaa 480
ggaatactgc	aaacaattct ataagtttga cagcttacac aaaatggatt aatttcttgc 540
aaaacacaaa	gtaccacaac tcatccaatg tcaaatagat tttgagttgc cctat 595

<210> 449

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(404)

<223> similar to gi3599339 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 449
cctaagatca ggaataaaaat aaagacttcc actcctgcc a tttctattct agctggggca 60
attatataag ataatgaaat aaaactcatg tagattgaaa aggaagttgt aaaactatatt 120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnttcta aggaacacac acacactcat 180
acacaactat tagggcta at aaacgagttc agcagagctt cagggtaaaa gataaatgta 240
caaaaattgt ttctatacac caacaatgta caatcaaaga atgaaattaa ggaaacaagt 300
ttatgtacaa aagcatcaaa aagaatagga tacttaggaa tacatttaac aaaagaagtg 360
taagacttgt aactgaaa aacaaaacat tattgaaaga aat 403
```

```
<210> 450
<211> 1436
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(1202)
<223> similar to gi4378889 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 450
tctgatgatg ggaggatttg gaggtgctag tatacagaaa ggcagtcctc tgattgattt 60
aggatctagt agctcaactt cctcgactgc ttcactctca gggaactcac ccaagactgg 120
gacctcagag tgggcagttc ctcagcctac aagattaaaa tatcggaaca aatttaatac 180
tcttgacaaa agtatgagtg gatattcttc aggttttcaa gctagaaatg ccttctctca 240
gtcaaattctt tctcaaactc agctggctac tatttggaact ctggctgacg ttgatgggta 300
tggacagcta aaagcagaag agtttattct tgcaatgcac cttactgaca tggccaaagc 360
tggacagcca ttaccactga ctttacctcc tgagcttggt cctccatctt tcagaggagg 420
aaagcaaatt gattccatta atggaactct ggccttcata tcagaaaatg caagaagagg 480
agcctcagaa gaaattacca gttacttttg aggacaaacg gaaagccaac tatgagcgag 540
ggaacatgga gctggaaaag cgacgccaag ccttgatgga gcagcaacaa agggaggcag 600
aacgtaaagc ccagaaagaa aaggaagagt gggaacgaaa acagagagaa ttacaagaac 660
aagaatggaa gaaacaactt gaattagaaa aacgcttaga gaagcaacgg gaattggaga 720
gacaacgaga ggaagaaagg agaaaagaca tagaaagacg agaggcagca aaacaggaac 780
ttgaacgaca acgtcgctta gaatgggaga gaattcggcg acaggagctt ctcaatcaaa 840
agaatagaga acaagaagaa attgtcaggt taaactctaa aaagaagaat cttcatcttg 900
agttaggaagc actgaatggc aaacatcagc agatctcagg cagacttcag gatgtccgac 960
tcaaaaagca aactcaaaag actgagctgg aagttctgga taagcagtggt gacttggaaa 1020
ttatggaaat caagcaactt caacaggaac ttcaggaata tcagaataag cttatctatc 1080
tggtagctga gaagcaatta ttaaatgaaa gaattaaaaa catgcagttc agtaacacac 1140
ctggtaagtc tctaaggttt gtctgattac ttttaccctt ttctgaatga ctgtatcagt 1200
cacattgtta ctttttttaa attaaaaaaa gtattctgtt ataaataaca ctttttgcct 1260
gtaagtttaa agtttcaaaa taaagtga aaatcccag atgttagagc attttttagtg 1320
ataaaaagta gataaaaata aaatagtaat gattgtggta tgacttcata tcttgatgat 1380
atTTTTatgt atataattga aacatcaaat aaagtgttag actataagat ataaag 1436
```

<210> 451
 <211> 1044
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1042)
 <223> similar to gi2224553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 451
agtgccctgc gcaaggaaca ggactcattt ctgagaagga tggacgcagc cccaacaaat    60
cagacaagga ccacatccgg tggcccatga gtggcgctca tgatcttcag caggcggcac    120
caggccctgg cggggcgcac cagggtcacc ccaaccagga taaccggacc gtcagccaga    180
tgctgagcga gcggtggtac accctggggc ccaatgagat gcagaaatac cacgacctgg    240
ccttcaggt gaaggtggcc cacttgcaac aaggaccgaa agaagtccag ctgagaggcc    300
aagcccacaa gccaggggct agcaggagtg taacaagggc tcgtgggagc ggagcatata    360
agagacgggc actgccactg cccctggggg gtectctgaa ctccagtcag ttgcagccca    420
aacacttcag agctcggata ccaaggagca gcttctgtgg ggagaaatgg ctgcacacag    480
tcagggaacc tggcttagcc tggcccaagc cttctccac agtggggtag acagcctggg    540
cggcagggaa atagaccgtc aggcactacg ggaaccgaca cagggtggtg ctggcactgc    600
atcatactct ggcccaaagc cttctactca gtatggagct ccaggccact ttgcagcccc    660
tggtgaggga ggtgaccagt gggcagccct gctgctgccc acctgagctg ctcattccca    720
gcacatggcc agtgaggaca tagcaagtga cgaggagcac acggtcatcc atgaggagga    780
gggggtgatg atgtcattgc tgatgatggc tttagcacca ctgacaccga tctcaagttc    840
aaggagtggg tgaccgactg agagtgggga caactctggg gaggagccag agggcaacaa    900
gggctttggt gggaaggtat ttgcacctgt cattcttcc tcctttactc ctgccgcccc    960
ttgctggatc ctgagccccc aggggtcccc gatccacctg cagcttttgg caaagtctat   1020
ggtcccacct tgtctccac gaaa                                1044

```

<210> 452
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (314)...(1039)
 <223> similar to gi3165522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 452
acgaggagtt tgaaaagttg gcggaggact gtaagcggag catggacatt ctgaagcaag      60
ccttcgtccg ggggtctccc acgcccaccg cccgctttga gcaaaggacc ttcagcgtca      120
tcaagatctt ccctgacctc agcagcaacg acatgctcct cttcatcgtg aagggcatca      180
acttgcacac acccccagga ctgtcccctg gcgatctgga tgtctttgtt cggtttgact      240
tcccctatcc caacgtggaa gaagctcaga aagacaagac cagtgtgatc aagaacacag      300
actcccctga gttcaaggag cagttcaaac tctgcatcaa ccgcagccac cgtggcttcc      360
gaagggccat ccagaccaag ggcatacaag tcgaagtggg tcacaagggg gggctgttca      420
agactgaccg ggtgctgggg acagcccagc tgaagctgga tgcaactggg atagcatgtg      480
aggtccggga gatccttgag gtcctggatg gtcgccggcc cacagggggg cgactggagg      540
taatggtccg gattcgggag ccactgacag cccagcagtt ggagatgacg acagagaggt      600
ggctggtcat tgaccctgtg ccggcagctg tgcccacaca ggttgctggg cccaaaggga      660
aggccccctc tgtgcctgcc cctgcaaggg agtcaggga cagatcagcc cggccccctg      720
atagcctcag tgtgctggcg tttgaccaag agcgtctgga gcggaagatc ctggccctca      780
ggcaggcgcg gcggccgggtg cccccagaag tggcccagca gtaccaggac atcatgcaac      840
gcagccagtg gcagagggca cagctggagc aggggggtgt gggcatccga cgggaatacg      900
cagcccagct ggagcggcag ctgcagttct acacggaggc tgcccggcgc ctggggcaccg      960
atggcagcag ggatgctgca aaggaggcgc tctataggcg gaatctggta gagagtgagc     1020
tgcagcggct ccgcagggtga ggagcc                                     1046

```

<210> 453

<211> 1413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(1412)

<223> similar to gi2914017 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 453
cgcaggactc ctttacatgt gtccatcatg gccgggaatg aatatgtgtt cagtcagctg      60
ctgcagtgca aacagtacgt agggagacac gcacaagtga gaaggcgggt gtgagggggg      120
attgtgagtg aaaaatcatt ctttttaaac atcttttagtg ttgcatatat taagaagtta      180
aagtgagcta aaaaaaaaaa gtgtcattga aaaagggtaa agagaaagaa ccaggttgtt      240
gtcagtatag agtgtctcaa aaagattgta tgtgctgttg acactgcttc tgcttttcag      300
actagattta gaactcaaag accacgaggg cagcacggct ctgtggctgg cagtgcagca      360
tatcacagtg tcttctgacc agtctgtgaa ccccttcgaa gatgtccccg tggtaaattg      420
gacttcattt gatgagaaca gctttgcagc cagactcctc cagcgcggca gccacacaga      480
cgcacctgac acggcgacag gaaactgttt actacagcgg gcagctggag caggaaacga      540
ggcagcagct cttttcctgg caaccaacgg tgcccattgc aaccacagaa acaagtgggg      600
agaaaacccc ttgcacacag cgtgtcggca tggcctggcc aacctcacag cagagctcct      660
gcagcaaggc gccaaaccaa acctgcagac ggaggaagct ctgcctctgc caaaggaggc      720
cgcataccctg accagcttgg cggacagcgt ccactctgag acgccactgc acatggcgat      780
cgccataaac catccggatg tgggtgtctgt cactctggag cagaaagcca atgctcttca      840
tgccaccaac aacttgcala tcattccgga cttcagcctc aaagattccc gagaccagac      900
tgtgctgggc ctggcattat ggactggcat gcacacgac gcagcccagc tgctgggctc      960
tggagccgcc atcaatgaca ccatgtcgga tgggcagacg ctactgcaca tggccataca     1020
gcggcaggac agcaagagcg cactcttctt gctggagcac caggcagata taaatgtcag     1080

```

caggactcag	gacggggaga	cagccctcca	gctggccatc	agaaaccagc	ttccactcgt	1140
agttgatgcc	atatgcaccc	gaggagctga	catgtctgtg	ccagatgaga	aggggaaccç	1200
cccgcgtg	cttgcatg	caaacaatct	ggaggacatc	gcatccactc	tggtcagaca	1260
tggtctgtat	gccacatgct	ggggtcggg	acctgggtggg	tgccttcaga	cgctcttgca	1320
cagagccatt	gatgaaaaca	acgagccac	cgctgtcttt	cttattcgca	gtggctgtga	1380
tgtgaacagt	cccagacaac	caggcagtg	att			1413

<210> 454
 <211> 942
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(831)
 <223> similar to gi2894106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 454	
tcgacccacg	cgctccgggct ggattaatgg agcatatttc cttccccctcc caatgtccag 60
gtggagtcct	ttgaaagact gatacaggca ggacgtctca tgccccagga ccaagtcaag 120
ggcttccagc	ggctgaaggc tgcccacgcg gccctagagg aggagtacct gaaggcttgt 180
cgggagcaac	accctgcccc gccgcttgcc ggctccaagg ggacgcctgg aagatttgat 240
cctcgacagg	agctggaggc agagatatat cgtctgggaa gctgcctgga agagctgaag 300
gaacacatag	accagaccca gcaagagcct gagccgcccc ggctcagactc agctctggac 360
agcacccccg	ccctgccttg cctccatcag ccaacgcacc tgctgtctcc ttctggacaa 420
gcccccatgc	cagccatcaa gacctcctgc cctgagcctg ctaccaccac tgccgcggcc 480
agcactggcc	cctgcccatt gcacgtaaat gtggaggtga gctctggcaa cagtgaggtg 540
gaggacaggc	cacaggaccc cctggccccga ctcaggcaca aggagctgca gatggaacaa 600
gtttaccatg	gcctcatgga gcggtacctc agtgtgaagt ctctcccaga agccatgaga 660
atggaggagg	aggaagaagg agaggaggag gaggaggaag aggggggagg tgactccctg 720
gaagttgatg	gggtggctgc aactccaggg aaagcagagg ccaccagggt cctcccaagg 780
cagtgcgccg	tgcaggctga gaaaagtcac ggggctcccc tggagtaagt cactgagcct 840
ttcctgcaga	atgtttggtt ccaccctaaa accacaggga tgatcactgt cagagtgaat 900
aagacagcgc	ttcacagttt agacatggct tacctgtcct gc 942

<210> 455
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (199)...(573)
 <223> similar to gi4185567 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 455
cccaaaacaaa gatggcgcgg gaagcgtctg tgagggcaga ctgatccgag cacccaaacc      60
ctcggcgagac agcggagcca gtggtagccg cacggcccta aaaccatgga ggagggcggc      120
agcactggca gtgctggcag tgacagcagc accagcggga gtggcggggc gcagcaaagg      180
gagctggagc gcatggctga ggtccttggtc accggggaac agctacggct caggctgcac      240
gaagaaaagg ttattaaaga tagacgtcat catctcaaga cctacccaaa ctgttttgtc      300
gcaaaaagaac tgattgactg gctgattgaa cacaaagagg cttctgacag agagacggca      360
attaaactca tgcagaaatt agcagaccgg ggcattattc accatgtgtg tgatgagcat      420
aaggaattca aggatgtcaa actcttctac cgctttagaa aggatgacgg caccttccca      480
ttggataatg aagtgaaggc ctttatgaga ggacagaggc tatatgaaaa gtatgttccg      540
catgaaatcc cccctgtaat cttgacttat agaaagaagc acaactgtgc cagtctcatt      600
atgttgattt cagcggggct tttctatgtg ggctgggttac ataactgttc ttttccatat      660
gagaaaaacta tcaagcatth gctgtctctt tgccagaaaa taagtcaatt tcataagggt      720
ttaa          726

```

```

<210> 456
<211> 1042
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1043)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (80)...(1029)
<223> similar to gill196433 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 456
tattggggga aaacccttg nactcccncc cggaaaccta ttggganctg gatcaacaat      60
ttccggtaaa ggttggcggg gatacaaatc caacatacca aaaatccagg taggcatttc      120
ctatatgccc aacagaaaaa aatcctggaa aaagaaatca ggaaaggaat tcccatthcc      180
caattgccc aaaaataaat aaagtaccct caaaattaac ttaacccaaa gaagagaagg      240
atttctacaa tgaaaactat aaaccactga tgaaagaaat tgaagagggc accaaaaaat      300
ggaaagaaat tccatgttca tacattagaa aaattaatat tgtaaaaatg ttcacactac      360
ctaaagcaat ctacagactc aatgcaatcc ctatcaaaaat accaataaca ttcttctactg      420
aaatagaaaa aaaaatgctg aaattttat atcacacaa aagaccagc gtagccaaag      480
ttatcctgag caagagaaca aaactggaag aatcacatta cctgacttta aattatacca      540
cagagctata gaaacaaaaa cagcatggta gtggcataaa aacagacaca tagatagtgg      600
gacagaataa agaactcaga gctaaatcca tatagctaca gtgaactcat tttcgacaaa      660
agtgccaaag acacacattg gagaaaggac agtctcttca aaaaaatgat gctagaaaac      720
tggatattca tatgcagaag aatgaaccta gaccctatc tctcaccata ttaaaaaaat      780
caaatcaaaa tggattaaag acttaaacct aagacctcaa actatgaaac tactaagaga      840

```

```

aaacattggg gaaacactcc agcacactgg antaagtga gatttcttga ttaacacttc 900
acacagcaca agtaacaaaa gcaaaaatgg acaaacggga tcatatcaag taaaaagctt 960
ccacacagaa aagaagataa ttaacaaagt gaagagacaa cccatggaat gggagaaaat 1020
atttgcaaac tcccggacgc gt 1042

```

```

<210> 457
<211> 959
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(962)
<223> similar to gi2047300 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 457
gcctcaccaa gcaggaagac tgctgcggta gcatcggcac tgctggggc cagagcaagt 60
gccacaagtg tccccagctg cagtacacag gaggtcagaa gccagggcct gtacgtgggg 120
aagtgggcgc tgactgtccc cagggctaca agaggcttaa cagcaccac tgccaggaca 180
tcaacgagtg cgcaatgccg ggcgtgtgtc gccatggtga ctgectcaac aaccctggct 240
cctatcgctg tgtctgccc cctggccata gtttaggcc ctcccgta caagtgcattg 300
cagacaaacc ggaggagaag agcctgtgtt tccgcctggt gagccctgag caccagtgcc 360
agcaccact gaccaccgc ctgaccgc agctctgctg ctgcagtgtc ggcaaggcct 420
ggggcgcgcg gtgtcagcgc tgcccaacag atggcaccgc tgcgttcaag gagatctgcc 480
cagctgggaa gggataccac attctcacct cccaccagac gctcaccatt cagggcgaga 540
gtgacttttc ccttttctg caccctgacg ggcacccaa gcccagcag cttccggaga 600
gccctagcca ggctccacca cctgaggaca cagaggaaga gagaggggtg accacggact 660
caccggtgag tgaggagagg tcaagtgcagc agagccacc aactgccacc acgactcctg 720
cccggcccta ccccgagctg atctcccgtc cctcgcccc gaccatgcgc tggttcctgc 780
cggacttgcc tccttccgc agcgccgtag agatcgctcc cactcaggtc acagagactg 840
atgagtgccg actgaaccag aacatctgtg gccacggaga gtgcgtgccg ggccccctg 900
actactcctg ccactgcaac cccggctacc ggtcacatcc ccagaccgc tactgcgtg 959

```

```

<210> 458
<211> 970
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (19)...(516)
<223> similar to gi4868120 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 458
ccgggtcgac ccacgcgtcc gccacgcgt ccgcccttgc gtccgctttc gcgtccgggg 60
atctgagggg tgaggggtggg cccctctctc acgccttctt cactgcccc ctcagagtgc 120
acaatacgag tttgttcttg cctccactct cccaccccggt tctggcctcc ctgtctcaag 180
atactgagcc tctcacctcc cagccctcag ccacccccat ccctgcccct tctgagactc 240
acagcacccc tttccttcct ctctccccc ctcctccctc agccctcat tctccttggg 300
aatctgcaga gggctctggg actcactgcc ggatgtgaaa tccaggcgtc agctgtttcc 360
taggcaaggg caggaaagtg gtctccagcc cttgctccac tcatgcctgg gggcctgggg 420
ctgagtggta tccctacctg gcctccccct ggctcttggg cctccagcgc tgggtttgtc 480
gagtgagaga gagagaggag cttgggttgc ttccctgtcc ccgccccctc tgtggcattg 540
tccctccccc tcttattttt ctaccaattg ctatttttcc gaacaatcct tgtagagtat 600
gtaccatcca aaggcaggag ggctctgcgg tggcgggtc tggttggaga tggtagattt 660
ttattgtaca ggtgctaaaa caacaacaac aaaaaagaaa atggaaaaaa aaaagattaa 720
aaaaaaaggg aaaaaaaaaa agccagttgg gggaggggac aatctgtttt ttaaaggctc 780
ctgagccatg cgggagcatt ggtggttatt ttctttgtat tgtgtttgtt ctttgttctt 840
gggggggaag ttatcggcc cttctgtag gactgtccc cacccccacc atactgccca 900
gttggttttg aacagttgtt ttcccttttt aagaaaaaaa aatacacata tatacccca 960
cataactata
970

```

<210> 459

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(411)

<223> similar to gill196432 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 459
aaaaaccctg cagtaggcac caaacctaac aatgagacat taaaagcctt ctctttacta 60
tcagaaacaa ggcaaagagg cccaatgttc tcacatctat tcaaagttac attacaggtc 120
tcagccagta agctaaggaa agtaaaacaa attaaaaata aaaggtttgg aaaagtaaaa 180
ataaaactct gattattttt ttatgatatg actacaatga catccagaaa taatatataa 240
acaagttatc aaaattaata aaagtataag actaaaagtg attaaataca gaaaatcctt 300
ttgatataatt tttctactta ttgctgatgt atagaaatga atacttgaaa gaacaaaaag 360
taatacgata cctagaaata catctaacac aatacatata ggatttca 408

```

<210> 460

<211> 881

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(269)
 <223> similar to gi4589616 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 460
 atatgattaa aaacaaaagc aaatactcat atatcagtgg ctgaagaagg aaatgataaa 60
 tggctctctc ttgatttgga gcagggtgggt agatgaattt caaaaatata cctcttttga 120
 ttctattttc tccttgaagt tagataccta aagtcaccat gtaatgtttt aactctcccc 180
 ttactccaat tttgttttag tttcatgaat ctttattgaa tatttgtgcc ctgctctaga 240
 tagatgggaa ggttcaattt ttaataatta ggtaactagg aatgcccagc ttgttaaggg 300
 aggtagacgt ttaacaatta ctaaccactt tggttaaata aagcagccaa agactagata 360
 agatgtaaat gcaccaaaga gaaggaaatt acttattctc tctaggaagc tattaggaat 420
 gctttcagag agtagggtaa gccagactct tcttcaagtt atttgaggag agtagtaact 480
 tagaagtgaat attttgattt tgtgccatca ttaaatcttt gaataagagt tttctgaatg 540
 actgacagag gttgatggaa tattttattt ttgaagaact tttattctaa aagttaggat 600
 tagagaagtt tttgctgttt ctattcatta ttcttttttg catacaaaac cgtccttggt 660
 gggattattc ttgaagtata ttcttttagaa tttcttttag agctggtttt gaaggtaaatt 720
 accatcagtg tctctagaaa aatctctctg gcgggaggga caatgatcgg gatataaacc 780
 caggcgttcc agggggcaac ggcaaccccc tttaggtccc ctgcctttgt atgggagctc 840
 tgttttcact ctatttcact ctattaaatc ttgcaactgc g 881

<210> 461
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (37)...(578)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 461
 aattaagtgt agagaaaatg tatctcgaca caaaaaagaa ccgtgtatga caagctctta 60
 gctaacatta ttctcaacag tgaaaagtgg aaagcttttc ctccatgttc agagacaaga 120
 caaggatgac cagtctcacc acttcttttc atcgtaaca gtggaattcc taggcagaac 180
 aattagccaa gaaaagaaaa gcactctact cagaaaaaag tgaaattatc tctaattgca 240
 gacaacatga tctgtatata agaaaaccct aaatattcca ccaaaaactg ttagaactga 300
 tgcatagaatt cgataaggtt tcaggatata aaataatcta acaaagatca gaagtgtttc 360
 tgtatacaaa taacaaacta cctgaagaaa tttttttaa aatcccaagt atgatagcaa 420
 cagaaattaa atacttaggt gtaaatttaa gcaaaaaatt aaaggctctg tatatgaaaa 480
 actataaaac cccaatgaac aaaaatttaa aaacacaagt aaatgaaaaa aaaattcatg 540
 cttgtggatg ggatgaatta atattgtgaa aatgaacaaa at 582

<210> 462
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(387)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 462

ttgttggggc	tccaggctgg	gctccgcctc	acgctcccca	ggtcgggtcag	ctccgagact	60
gtggctctcc	gagggggcag	cacctggcct	ggcacaggga	ggttaatcct	atgacgtcac	120
tgccaacctc	cccaccccca	tgcccatccc	ttcgggttcg	cgtgcctccg	agcggctcag	180
ctccccgggt	tctgccttcg	ctccccggcc	tgcgtcctgt	cccggctctg	gttcctctgt	240
gaggcctgcg	gcgcgacggg	gacgcggaag	ggaaggagga	gggggtcctg	cgtcagcctc	300
gagtcagggc	ccccgggaag	gagaggggtg	ctgtgccaga	ggatggccct	cgcccccggt	360
gccggctccc	acccccagcc	ccgcagcatg	ggggctctag	tcacccttgc	ggacgaaa	418

<210> 463
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (135)...(288)
 <223> similar to gil655699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 463

aaggggtgca	aataaccaga	tatcagaagg	aatttctgta	aaacgatttc	tggaaagatc	60
tgcttgggtg	gtgtccgtca	ggtcgtagcc	gctgcccggg	aagtctcgga	gtttccgacc	120
actgaggctc	aggatgccgg	agctgcccg	ctcttccagg	gcccggtcca	ggctcctcac	180
ggtgtgctga	ggctgcaggc	tccccgggtt	ccacggcggc	ccgttgggga	acggctgacc	240
gaaaagagtc	ggtaccggga	tgggaaccac	cagggtcccg	ccgccgccgc	cgctccccc	300
tccagccccg	ccacctcccc	ctccagccgt	gccacagcca	ccgtacttcc	cacctccacc	360
acaaccgcgc	ccccactgt	taccgcctcc	tccctgactc	gccgccatgt	tcctgggaga	420
gagaatagcc	ccccgacaga	aa				442

<210> 464
 <211> 884
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(885)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (884)...(250)
 <223> similar to gi5457357 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 464

atctttgtct	ccttctcttc	tctccccaca	atccttgatg	agttgtttct	agacactgct	60
tggcaaatct	gaaccctagt	cagtcttata	agggctcctg	tcctccttgg	aaggctttgt	120
tattgataca	tgccaatgag	aaaaaaacac	attaacgagt	agctgatgga	tactaagggg	180
gtattttact	gaaaaaaata	gaaaactaca	ttttttacacg	aaataaaactt	atgtctgcaa	240
tactcagcct	taaattcacc	cctcacttca	gaagagggtcc	caggggcagg	aataaacacgc	300
acagattggt	tgttcacgac	ttccagccgg	tccaccagac	ctctggccag	gtaatactgt	360
acaaagtgt	tccacgtgat	ttctcttcca	ggatctcgaa	aatagaggta	gaaaaatccc	420
atgggcaacg	cctgaccccc	aaaagggcca	gactgcggga	aatcctcgtc	atcccagggg	480
aagtcccccc	ttctggcatc	cgctccacc	aggcaacggt	atcctgcttc	cctcctctcc	540
tgctccgctc	tcctccagac	tcagcattct	ctagttcacc	agtctctttg	ggtggttttg	600
aacacagcca	ccaggaaaaat	aacgtcgggc	ttgcctgcag	agtcagcttc	tgaacgtgga	660
tcccctggaa	gcactggaac	aggaggccag	atgagctttc	ctagcttctt	cttgaaatgc	720
aacaacgnac	atnctcaact	tgggcaataa	ccaacttgct	ggggccttgg	cccaggggcc	780
cctccggggg	ttggtnttgg	gccgncccc	tgcgggctc	cttngggcca	acaaaaaat	840
cgggccnaaa	aggnaaaggc	caaggggggc	ctgggcca	cccc		884

<210> 465
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (73)...(450)
 <223> similar to gi3875538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 465

acatttcgtg	tgcgtttgaa	ggttggcggg	gcggcgtttg	gttttcccg	atatgtgggt	60
------------	------------	------------	------------	-----------	------------	----

gtgcgcctcc	cgggtggggc	gggcggggag	gggaggagga	ggaaggggga	ggttactggt	120
ggtggcggcg	gcggcgggcg	cccgggctcc	ggctgtcggg	gaagctgctg	agctgtgatg	180
gtgatgacga	ggtgaaaatg	gcggatcttt	cgaaatacaa	tcccggcccc	tgacatacca	240
gaggcggcgg	cgacggcgac	gtcgccaccc	cggctccctt	ctcgggtcccc	gggtaccctg	300
gagcgctcca	gtttggacaa	actgggaaag	gaagctgctg	gccagagcta	tcgtgcacgg	360
gcaaaaacaag	ccccgccggg	gctcgggatt	gcccaggacc	ttccggagcc	cctacctcgg	420
agccccgagg	aggagaaaag	ggcagccgct	ggagtgcctg	atcaactttc	tagcgggaga	480
acgatcatgg	aggtggtgcc	agctgagggt	aatagtttgc	ttccagagga	aataatggac	540
actggtataa	ctttagtgga	tgatgatagt	attgaggctg	ttattgtttc	atcccccc	597

<210> 466

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(417)

<223> similar to gi903758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 466

cggtggcatt	cgccttcac	ctcctggatg	tggcagataa	cgcccttcag	acactagagg	60
aaacagcttt	cccttctcca	gacaaaactg	tcaccttgag	gctgtctggc	taccccttaa	120
cctgtgactg	ccgcctctc	tggctgctcc	ggctccggcg	ccacctggac	tttggcatgt	180
ccccccctgc	ctgtgctggc	ccccatcatg	tccaggggaa	gagcctgaag	gagttttcag	240
acatcctgcc	tccagggcac	ttcacctgca	aaccagccct	gatccgaaag	tcggggcctc	300
gatgggtcat	tgcagaggag	ggcgggcatg	cggttttctc	ctgctctgga	gatggagacc	360
cagccccccac	tgtctcctgg	atgaggcctc	atggggcttg	gctgggcagg	gctggacgaa	420
a						421

<210> 467

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1316)...(1723)

<223> similar to gi577019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 467

cctactctga	tgccattatc	ttgagatgtc	ttagatatga	ataaaaagtc	attccactca	60
ttatgagaac	tgtctttaga	agaaaattat	actgaattat	accataggaa	tatctctagg	120
ttttgaaaat	catataccca	gagatgattc	cataaataag	gaatcaggca	aaaaaccaa	180
ggaattcatt	ggtgagagga	gagtgttagg	gatctcattc	ccctgcaact	actggctgac	240
cccaacctg	cattgcaaaa	cacttgcccc	cctctgacct	caaaaagcat	ttgggtgcttc	300
ctcattaagc	tctattttatt	gtctttacta	ttcaccatc	tgccctcagtc	tgggccaaaat	360
ctattgcccc	atcttcaatt	ggttgcgact	tttttgtctc	ttcccgattc	tggcattcca	420
gaggggtcaat	agggttccttc	tccacgtgct	tttgagggaa	atgccccccc	ccaaaaaact	480
tttcacacca	ccttgaacag	actctaaact	taggcactac	agttactaag	cagccttttg	540
attctttgtt	tttgaagtta	gatcttttca	gctatttagtg	gaaaatgtgc	ctcactctac	600
tccaggatta	ccaatagaaa	tgaaaggaca	gaaatggcat	tagtgtttag	agaagattat	660
gtatatatgg	ctgtgtgaac	actgaaaatt	atgaggggtca	acataaaatc	agcattacag	720
gtactaaaac	ataaatcctg	atggctttca	ccgttttctt	aagagcaaaa	ttgcaaaaag	780
tgatattaac	agtcaccta	gacgaatatg	agcaaatgat	ttgtttttcc	ttaaaagagc	840
ctccaagtgt	attgtgatca	ttttcacact	gatcaaaagag	agcacccttc	tgtcaacagg	900
tatctgcagt	tttcaggacc	tggcagaaat	tcttctatgt	tctgccttta	aagggtcaggt	960
acaaaagcag	agacagctgc	caggccccctc	tgcccagagc	taagtgtctg	ggaccatgag	1020
tgggaaggac	aggcttgagc	ctccttggtc	ctccagacag	catggggcgc	tacttgcccc	1080
ttctgcagct	gcgcgcggca	aagctgtggc	ctggccgtgg	cctcctgccc	catgcaacag	1140
ttggtggaca	gaccgtacct	ggcacacggc	gccttggtgca	ctttccaaca	ttttgatgct	1200
aaccgtcgct	agtcactgag	ccctgacatt	tgatctctgg	ccttgaccgc	agatttcgga	1260
aacttctggc	agcccagtg	ctactggaag	gcccagccg	cttgccagaa	agctgcgccc	1320
cgccaaaag	cactgggttc	tgcagtccag	gggccttcct	cagctcccag	gtccaggaga	1380
actgcaacgg	tcacctactt	ccacaggaag	cactgggtcc	gcacccggcc	cctccgcacc	1440
actcctccca	gctgggacta	caccgcacatc	tgcacccaga	gagagatggt	ccccgccgc	1500
atccgcgtcc	tgagagagat	ggccccgag	gcctggaggt	gctttcccaa	caggctgccc	1560
ctgctgagca	acatcaggcc	tgatttctcc	aaggctcccc	tggcctacgt	gaagcgggtg	1620
ctttggaccg	cccgccaccc	ccacagcctg	tccgcagcct	ggtgaccgtg	aaaatcgccc	1680
cgccagagag	cagaggaagc	ccgacgcccc	ggccatctgc	cttcaggtct	gtgatgagaa	1740
acggagtggc	ctgttccgtt	gtgccaggt	ctaggccgct	gagcagagcc	ctcactccca	1800
ggcagagtgt	tctgaatcct	tcctggcgcc	cgct			1834

<210> 468

<211> 909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(885)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 468

ctaattgaca	tttacagtat	acttcattca	acagagtaca	tattcttctc	aagctcacag	60
gaaacatcca	ccaagataga	ctacatactt	ggccttaaga	tacaccttac	aaatttcaaa	120
gaatacaaac	catataaagt	gtgctctcag	aggaaattaa	acaaaatcaa	aaacagaaac	180
gtagatggga	aatctcaaaa	taactggaga	ttaaacaaaa	cacttctaga	taccagatgg	240
gtcaaagaag	aagtctgaac	agaaatttta	aaatgttttg	aactaaataa	aaatgaaaat	300
acaatgtatc	aaaattttata	ggaagcagtg	aaagtagtgg	ttggagataa	attataatat	360

tgaatgccta	tattagaaga	gattaaaaag	attttaaatt	cataatctaa	gtttccatct	420
taggaaacta	gagaagaaa	atcagtgtaa	gcctaaagca	agcaaaagga	tagaaataaa	480
aattatagta	gaaatcaata	aaatagaaaa	caagaaacca	atagaaaaat	tcagtgaagt	540
aaaaatgtgc	taatttgtgc	agcagcaata	gaaaaaagaa	ataaaaaacag	tactttcaca	600
ggtcagtaaa	atgtataaac	ctctagctaa	gctaactaag	aaaaaaaaaac	acagattgct	660
gataacagaa	atgagaaaag	ggcatcact	actgatccca	aggacattaa	aaagataaca	720
aaagaatatt	atgagcaact	ctgtacccac	agatttgaca	gcttaggtga	aacagatcaa	780
tttcttgaaa	gacacaaaac	acccaaaactc	acacagggaa	aagagatgat	ctgaataggc	840
ctatatctat	tatggaaaatt	gataaattat	ggaagtcaat	aaacaacctt	gcaaacaaga	900
aaaaaaaa						909

<210> 469

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (161)...(449)

<223> similar to gi5734709 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 469

agcccactgc	taaatctgtt	ttctgacaga	tgggttttgg	ggagtcgcct	gctggcacta	60
acatggagga	aaggggagtc	ccattggccc	ttcccttttc	tcctaacagt	ccctttggtc	120
tggctctgtc	tgggctgtct	gtgtgtgtgc	cattctctgg	acttcagagc	cccctgagcc	180
agtcctccct	tcccagcctc	cctttgggcc	tcctaactc	cacctaggct	gccagggacc	240
ggagtcagct	ggttcaaggc	catcgggagc	tctgcctcca	agtctaccct	tccttcccg	300
gactccctcc	tgtccctccc	tttccctccc	ccttcccttc	actctccttc	cttttcttc	360
cctgcccctt	ccccctcctc	aggttcttcc	ctccttctca	ctggtttttc	caccttcttc	420
cttcccttct	tccttggtct	ctaggctgtg	atataatatt	ttgtattatc	tctttcttct	480
tcttggtgtg	atcatcttga	attactgtgg	gatgtaagtt	tcaaaatttt	caaataaagc	540
ctttgcaaga	taaaaaaaaa	aaaa				564

<210> 470

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(583)

<223> similar to gil326298 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 470
ccccagcatt agaaaacatg gcacccaccc gtttccaccc acctagagca gcccctcggg      60
ctcctgtagg ccactgtata gcgcatagcc aatgtcgtca atctcctcct cacgcaagct      120
gctgaagagg ttcacgctgg ggttgaagtg gcagggcagg ctggcctgct ccaggctgcc      180
gatgagcagc tccagggctt gcaggaagcg ctcacccaag gcctcctccg tccaatccac      240
gttgctcctc ccagacgca ggaccacctg ggtcagggtga ccccggccta gctgccccag      300
agccgagcaa ccacggcaga cagcacacag cagcagcagc agccgccggc gagtcccagc      360
gtcatggtcg tccagggctc gcagcctagc agcctccact ggatacaggt cctgcagcca      420
gaggttcccc gccagcccct ccaggggcca ggccaagagg aggcggtcgt cagcatcgac      480
cccaggaact gccacaagca cagccacagt gagtccagg cgttcgtgct gcacctcgag      540
cagcagctcc tccgaggcca tgctggggcg gatcaggcac ccgagaaggc tgcccggacg      600
cgtggg                                           606

```

```

<210> 471
<211> 394
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (66)...(369)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 471
aagagccaca gtggatccag gccctgatgc ctgagaagga gccagctagg cagagccggg      60
gaggagcact ccagacagac agcaatgaac catccaaaaa tgaagtgaag aagacaatct      120
catttataat attggcaaaa agaacatacc tagaaataaa tgcaacaaaa gatgcataaa      180
acttggtgtac tgaaaaatac aaaatatattt tgaaaggaat caaagagtat cgaattaaat      240
ggaaagatat cctgcagtca tggatcagga gacataatgt taagatggcc aaactcccga      300
attcatctat agcttcacaa tctctatcaa aatcccattc gtctttttac aagctgatcc      360
tcaaattcat aaggaaatac aagggtttca gaat                                           394

```

```

<210> 472
<211> 1102
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (203)...(1067)
<223> similar to gi2981221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 472
acctttgtca gaaaagatca gggagattaa aacaagaagt gctatgtatc aaaaacacga      60
attgttagaa aacaagccat gtggttaata aaaacaaaga cctaggtaca aaccacacaga    120
ggctttataa acaacgtacg gggaaaaaagc aaaacaagggt gtggttatta caacaccgggt    180
ttgatttaca aaaaggaagc ttcaattacc aaacggggcgg gtagttaaaa caagcccttg     240
gggtaacccc caccactgcg gcgctcattc tccaggtaca actccagcaa cagcagggtcc     300
acagaggcac catccccac cacacgcacc gctcgggcct ggggaacccg ggccaggggac     360
accaaggtcc cctccaggcc cagattctgg gcctgctcct ccaggacacg gacatctgcc     420
tcagaaaggg gcttgggcaa ctggaccaga gcccggctctg gccgggggct ggccaaggca     480
cagcaaggct gtactgggag ccccgaggcc cgcagcaagg cctggacatg ctgctccaag     540
cgctggggcg tggtgccagg gggcagtcct tggagcagca ggcgtgcagg ggctcgtggt     600
ggagctggcg gcaggctcag ctgggcacca tgtagttcgt gatctgcctg ggccaagacc     660
ctctcggcgt ctgcaggctc tctgaagggt aggacgcccc cacagcccag tctctgccag     720
ctcaacacag gtccccctcc agagcgtcgg cggttttcaa agtagagagt gagcagctcg     780
tcgggcacgg cagggggcag tccacggacc tccactgcca cccctgcctc tgccctccgcc     840
attgcaacca ttccccgtgg ccgctaggca gcctcaggcc atgagctcag ccaggactcc     900
tgtgctgcc cctcagcaag cctaaccccc actggcaggc accggcagcc gatccaggcc     960
cgatcccccc accccggagc cagggggcgt tgggccctgt tgttgggctc gcgggggtgg    1020
gggggctcgg gcctttgttg gtcacagatg gcccggggat ttcctgggaa tagaaatagc    1080
cgccggcacg aaatcgtcga ct                                     1102

```

<210> 473

<211> 1946

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1906)...(0)

<223> similar to gi3242649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 473
tttttttttt ttgagatata aaaatctgta tttatattac aatgacataa ggacacagca      60
cgggccacac ggtggacagg tggccggggg cccctttccc cctctagcgc acgccccctt    120
caccggcacc taggcccctc gtgtggcccc ccgacttctg gcacggaacc tgccctagtg    180
cccaacatgg acctgggggc accctgctgg ccgagggtca gggtcctctg tgcaggcagt    240
ggggaggggg tcccaggttc cctgacagag ggaggcaggc cacgggggag cctgcctcac    300
ccagcggaca gcacgggccg gggcagacag agcagggacc ctaggggccac agaccggtac    360
aggggttcctc caccggggga cacaggccca agccccgttg ccactaagat ggggtctgca    420
gaggcaaagc cttgctgcag cctctcccac tctgcgagga tggcgggggt ctgctatgtg    480
gtttgcaggg gttatcctgg tatgcgggag ctgccttcca ataaggctgg ggaacccaag    540
cctgagtctg ggtgctcagt ggccgagagc actggtgtgg gctgggaggg cacacgcaga    600
ggctcaggag ccccgggctc tgttctgctt ctgtctgctc tctatagaca cgggtgatggc    660
ctcttggtcc ctgcagcctc cagtgatggc agcctggggc cctgacaggg agcagtggga    720
ggttgaggca tgtggtgact cctagcacgg gccccaccc agtgggcaac ccctcaccca    780
cctgctgatg gcagggaggg gcagctgaac agcaccgccg gtggctgaga ctgcctccca    840

```

gtccacgtgg	gaaccacggc	ctcaagagcc	acaggctgag	ctgccgggag	ggtgggctga	900
ggggccacca	ctggtcaccg	ggtggattct	gctggtcaga	gatgagagca	gaagccccta	960
gctgcctcag	gcaactggag	gtggggcagg	gagctggtgc	ttcaagaatt	gagggcaggg	1020
acacgaccac	ctcagggccc	tgcagtgtctg	gctggggaa	caagcttcta	cacacggccc	1080
gccttgctcg	gaggtgccac	ggtgtttgaa	atgaagcctg	gggggacaga	ctcaggcagg	1140
caggggaagc	tcctttctgg	gcacccctgg	accccagtg	ggccggaag	agatgcagac	1200
aggcctcctc	acaaccaccc	gcaacgcgtt	cggatgcccc	tcagctccag	gcaccatgcc	1260
ccctacagcc	tgcagggcag	gttctgtgcc	agagttgttt	ccagggaccc	ccttccgcca	1320
cagtggggccc	cccattcctg	ggcgtctatg	cgtacgactg	aaaatagaca	cgaattttcc	1380
ccatgatatg	ggaattggct	acagatgtac	cagaggcacg	gcaggcactg	ctatgggcca	1440
gccccaaagga	cagaggacgt	caggaaggaa	aggcgggtgc	aagcctcctg	gtgccaggcc	1500
tgaccacccc	agcgagcaca	gtcttcattg	gctgccagtg	tctgaaacct	ggaaccctcg	1560
cctaggccag	gaagcagggg	gctcgagtca	ggtgacaggt	gagaatccat	ctctctagt	1620
agcaagcagg	cccctgccag	ccactgggga	gggcaacact	ggggaccagg	tcatagcccc	1680
tccgtgccac	ccacaggggc	ctggctgcat	cgcctccagg	aagccctggc	tgccgggagg	1740
ggctgcccac	aggagatggg	aggacagcac	tagctgggca	ggcctggggc	accctgagcc	1800
acgagggaca	tgctggtggg	aagggcaagg	cctgacacaa	gacacaaggc	acactttgac	1860
gacgtgacgg	agggacaggt	ccctgagacg	cctgggtggc	tcccaccctc	cagcaaacia	1920
ggacgcaaca	acagctagga	aaatag				1946

<210> 474

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (117)...(839)

<223> similar to gi2388986 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 474

tccccagaga	tagccctggg	atccaggtga	ttcgagatgg	gctataggaa	ccaaggcctc	60
ccccagcgtg	aaattaccag	gtgtgagcgg	cgccacccca	ctgtggggag	gcgggctcca	120
cgggcactgg	gcacctggct	gtgcctcatt	cctgagtctc	ccacagcctc	acaccacagc	180
aagagacaag	gcgggccctga	ttcacagccc	agctctgccc	tgtgccaacg	cagagccctg	240
ggcgcaggac	ggggccactc	tgtgccttag	cttcctcagc	catgaagtag	gatagacggg	300
gacccggtgc	cctcctacag	gcacagtggg	gagggaaacac	accatcgggg	cgcaggacgc	360
gaacgctcca	agcctgtctg	tcccggctgt	tcccactgca	cgccagagag	ccagaggcct	420
tggggccagg	tactgcccc	gtcagagcc	cagggagccc	cgagcagtgg	ccctgcacct	480
cctgccactt	ctgggtgatt	ctagaggagt	ccccttacc	agggcccctc	tggcctctcc	540
ccaaggggca	caaaacggcc	cccagaaaag	ctcccagact	caagcctatg	actcttcaca	600
gcctcctgag	acactggccc	agtcccgggg	ctccctgtgg	tagggcccta	catcccacga	660
gggttttgag	gggactgaca	atgggggtct	ggctgcccag	ccttgtgagg	agctctcccc	720
atctgcccag	cccgtggccc	ccaagccgtc	tctgccgaac	tccatcagt	accagttgg	780
agaaaggcca	gcttgacaaa	tgctctctgc	gggacaagca	ggatgagtgg	gcgtttcta	839

<210> 475
 <211> 2249
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(1719)
 <223> similar to gi3644026 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 475

ggacgaaggc	gtctaccagt	gcatggccga	gaacgaggtt	gggagcgccc	atgccgtagt	60
ccagctgcgg	acctccaggc	caagcataac	cccaaggcta	tggcaggatg	ctgagctggc	120
tactggcaca	cctcctgtat	cacctccaa	actcggcaac	cctgagcaga	tgctgagggg	180
gcaaccggcg	ctccccagac	ccccaacgtc	agtggggcct	gcttccccac	agtgtccagg	240
agagaagggg	cagggggctc	cgcccgaggc	tcccatcatc	ctcagctcgc	cccgcacctc	300
caagacagac	tcatatgaac	tgggtgtggc	gcctcggcat	gagggcagtg	gccgggcgcc	360
aatcctctac	tatgtgggtga	aacacgcgaa	ggtcacaaat	tcctctgacg	attggaccat	420
ctctggcatt	ccagccaacc	agcaccgcct	gaccctcacc	agacttgacc	ccgggagctt	480
gtatgaagtg	gagatggcag	cttacaactg	tgcgggagag	ggccagacag	ccatggtcac	540
cttccgaact	ggacggcggc	ccaaacccga	gatcatggcc	agcaaggagc	agcagatcca	600
gagagacgac	cctggagcca	gtccccagag	cagcagccag	ccagaccacg	gccgcctctc	660
ccccccagaa	gctccccgaca	ggcccaccat	ctccacggcc	tccgagacct	cagtgtacgt	720
gacctggatt	ccccgtggga	atgggtgggtt	cccaatccag	tccttccgtg	tggagtacaa	780
gaagctaaag	aaagtgggag	actggattct	ggccaccagc	gccatcccc	catcgcggt	840
gtccgtggag	atcacggggc	tagagaaagg	cacctctac	aagtttcgag	tccgggctct	900
gaacatgctg	ggggagagcg	agcccagcgc	ccccctcgg	ccctacgtgg	tgctgggcta	960
cagcggtcgc	gtgtacgaga	ggcccgtggc	aggtccttat	atcaccttca	cggatgcggt	1020
caatgagacc	accatcatgc	tcaagtggat	gtacatccca	gcaagtaaca	acaacacccc	1080
aatccatggc	ttttatatct	attatcgacc	cacagacagt	gacaatgata	gtgactacaa	1140
gaaggatatg	gtggaagggg	acaagtactg	gcactccatc	agccacctgc	agccagagac	1200
ctcctacgac	attaagatgc	agtgttcaa	tgaaggaggg	gagagcgagt	tcagcaacgt	1260
gatgatctgt	gagaccaaag	ctcggaagtc	ttctggccag	cctggtcgac	tgccaccccc	1320
aactctggcc	ccaccacagc	cgcccccttc	tgaaccata	gagcggccgg	tgggcactgg	1380
ggccatgggtg	gctcgctcca	gcgacctgcc	ctatctgatt	gtcggggtcg	tcctgggctc	1440
catcgttctc	atcatcgtea	ccttcacccc	cttctgcttg	tggagggcct	ggtctaagca	1500
aaaacataca	acagacctgg	gttttctctg	aagtgcctt	ccaccctcct	gcccgtatac	1560
tatggtgcc	ttgggaggac	tcccaggcca	ccaggccagt	ggacagccct	acctcagtgg	1620
catcagtgg	cgggcctgtg	ctaattggat	ccacatgaat	aggggctgcc	cctcggctgc	1680
agtgggctac	ccgggcatga	agccccagca	gcactgccca	ggcgagcttc	agcagcagag	1740
tgacaccagc	agcctgctga	ggcagaccca	tcttggcaat	ggatatgacc	cccaaagtca	1800
ccagatcacg	aggggtccca	agtctagccc	ggacgagggc	tctttcttat	acacactgcc	1860
cgacgactcc	actcaccagc	tgctgcagcc	ccatcacgac	tgctgccaac	gccaggagca	1920
gcctgctgct	gtggggccagt	caggggtgag	gagagccccc	gacagtcttg	tcctggaagc	1980
agtgtgggac	cctccatttc	actcagggcc	cccattgctgc	ttgggccttg	tgccagttag	2040
agaggtggac	agtctgact	cctgccaaagt	gagtggagga	gactggtgtc	cccagcacc	2100
cgtaggggccc	tacgtaggac	aggaacctgg	aatgcagctc	tccccggggc	cactggtgcg	2160
tgtgtctttt	gaaacaccac	ctctcacaa	ttaggcagaa	gctgatatcc	cagaaagact	2220
atatattggt	ttttttttta	aaaaaaaaa				2249

<210> 476
 <211> 1346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1335)...(302)
 <223> similar to gi2340084 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 476

tttttttttt	ttttaatgga	taactgaaat	gtatgggtttt	catttataaa	gtataagtta	60
tctttaataa	cacacatgta	caataaataa	ttcatatatg	aaaattctca	tcagatagct	120
tcagtctttg	atcagtggaa	gaagccacag	caccagggaa	atcagaaggc	aatcttagta	180
aatcttctac	ctcttcttgc	agggcttctg	ctttttcatg	caacagggcat	ctttgctgat	240
gaaacaattt	gcttggcttg	gcgatcttga	taaatgatca	attgtcctta	cgaggcactt	300
caggatttgc	attagctaag	tgcattagac	ttttgtaacc	tgcactggta	taactgtttt	360
tggctcggac	cctctaaaac	tccagtaact	tccatgagag	ggattaattc	tgcctttaca	420
cagtaagtca	gcttcttggg	aagttctacc	aaaagggctc	tgtaaaccce	aaactcctca	480
agctcctcac	agaaatgtaa	cacacaagat	gagaatgagg	cagttccagt	gagaagattt	540
tgtatatatc	ctcgaggcat	attaaatttt	tcagatacac	tccaaatggt	ggtctctttg	600
agcaaggtat	aaagaacaaa	agacagatat	agcctgttga	caacgttctt	gtccaccttc	660
tttcgatggg	cttggcctga	tgctttcttc	ccaataaagc	tttcagagac	tccaagaatg	720
gcagctacat	tttgttctgc	tggactgagt	tggctaaact	gcctgaagta	tatcatccaa	780
tcagggttac	actgtgaaac	cagatcatag	ggggttggtt	ggtagattag	atgaagaagg	840
ctttcaagca	caagtccttc	aagacctttc	ttcaagtctc	tgtacagaat	gtcacaataa	900
gctaaatcta	tagttccctt	aaatgaagca	cgtcccaact	ttgtaatatg	aaaattatat	960
tggacctctt	cttcagactt	ataaatagtg	tctttttgta	ggagtccttt	ttctgtcagg	1020
tatctaagtg	attcaacagt	tatttcccag	agactttttt	ctttcaataa	aaccttttgc	1080
tgaacaccaa	aaaatgtacc	attcatgaaa	tgatagatgt	catcaagatt	cgttgcaatc	1140
ttcāaaccaa	tcaaagagag	aaataatggt	tggattccct	tgggtgaattc	ctgaacaaga	1200
tggctgtaac	agttttccaa	tggtttagtt	attaactcca	atacctgttg	tttgtctttt	1260
tcttgcaata	tgaggatact	ctccccaata	gtatctattc	cagcacgacc	agccctcgty	1320
ccaagctggg	cgtaataatg	gtctca				1346

<210> 477
 <211> 1603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (567)...(1603)
 <223> similar to gi2388555 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 477

tgtagcagc	tatcaccaca	aagacagccg	ctctcagggg	ttgccaagaa	ctcaagagtg	60
tgccaggccg	gagctgaggc	ccctcctgtg	ccccagggcc	ctgtggcccg	tcacacggct	120
cagctacaga	tgcccgtggc	aggcgccgaa	agcaggcatc	ggaacgaagg	ccaagccgtc	180
ggagtctcac	ctaaaattgc	atcctggatg	gccctctctg	gatcgtcaag	gtgaaccagc	240
aactctcgg	acagggtactg	gacactgctc	tgatagtagg	atcttgctgt	ggcacccttg	300
acacactgca	gccagggtgac	caagggtggag	gcggctgcca	tcctcacatc	gttggacacg	360
tcacttaggc	gttttaagag	ttcaggataa	atcttgatga	gtttctctgg	atccgtcatg	420
ccgcccagg	tttttaagaa	cgtgttgata	atacggcatg	agatcagtcg	cgatcatctc	480
gaatcctcct	ccagggtggg	caggacctgg	ggcatcagtg	tttctgcac	gtcccgatc	540
tgctctgccc	acaggacctc	gctgctggg	agcgccaga	ggcaggacac	ggcagccgtg	600
cggatggccg	cggctgtcct	cccgcatgc	cactgcagat	tgggggccag	gatgtccttt	660
gtcaccgtct	cgaggtagct	gggaaactgc	ccctgggagt	tgatgggtgc	cgtggctctg	720
agcagcacgg	tggacaggat	ggagaacagc	ttcaggcgca	tctgcgggtc	ttgggagggc	780
tgtagacagg	ccctcagcgt	gggcacgacg	tgtggcaggg	cttctcccag	ggcagggcct	840
gactgtgcga	cgatgacact	gaactgcagg	agctccggcg	agtgtgcgg	ccagtcaagg	900
tgtagcgg	tcaccgctc	caggagggga	ccaatgtgct	tgcggtagag	gtcctggcag	960
ctgctgacac	cctccaccat	ggccagttag	tccatcgtct	cctgtgcctt	gtccctcagg	1020
ccggtagcac	ctgcgagggc	cactattgtc	agcagcacgt	ccaagagctg	caggctggcc	1080
acgccacagt	cctcatgaca	cacagacacc	agagcctgca	cacacagcag	caggcgctcc	1140
aggtagaggt	cgttttcaga	tgcttgccag	atgtgggcct	gtgccagctc	tgtggcgatg	1200
gctgccaggt	gcggctggag	ggcttctcgg	gggcaacccc	gcattggcga	ggccagcacc	1260
aggaggccgg	aggcagaggg	cgtcttcttc	agcgtcgata	agatcagctt	cagaaacacc	1320
tcagggtcga	caaacgtccc	gacgagctct	gcggatctgg	tacaactttg	gaccacggct	1380
gcctcctcgt	cgggtgcagg	ctggaacagg	gtccggagga	cgacctccag	gtgctgcgtg	1440
gcgtggctct	cggcatgcag	cagcagcact	gggagcagct	gtgccgactt	cactcgggtc	1500
cccaccaccc	agtcggtgat	gtcgtggcac	agggcaggga	ggatctggag	aggttcctga	1560
agacgagctc	ccggcagccc	gaattccacc	acactgcact	gtg		1603

<210> 478

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (952)...(31)

<223> similar to gi3873550 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 478

cgccgcct	gggagcgagc	ggaggagcaa	gcgccggaga	tgatgacttt	gaccagtttg	60
ataagcctgg	cgcggaacgg	tcgtggagaa	gaagagctgc	tgatgaggac	tgggacagtg	120
aacttgaaga	tgatttactt	ggagaagatt	tgctatctgg	caaaaagaat	cagtcggatt	180
tgtagatga	agagctaaat	gatgatcttt	tgtagagtga	taatgaagat	gaagaaaatt	240
tcagttctca	gggtgttaca	attagtctga	atgctacatc	tggtatggtt	acatcatttg	300
aactctctga	caacactaac	gaccaatctg	gagaacagga	atctgagtat	gaacaagaac	360
aaggagagga	tgaactgggt	tatcacaat	ctgatggatc	agaattgtat	actcaagagt	420

acccagaaga	aggacagtat	gaaggccacg	aagctgagtt	gacagaagac	caaatagaat	480
atgtggaaga	gccagaggag	gagcagcttt	acactgatga	agtgttagac	atcgagatca	540
atgaaccttt	agatgaattt	acaggaggta	tggaaacatt	ggaacttcaa	aaggacatcc	600
aaagaagaat	cagatgaaga	agaagaagat	gatgaagaat	ctggacgatt	acgtttcaaa	660
actgaaagga	aagaaggaac	aattattagg	ctctcagatg	taactagaga	gagaaggaac	720
attccagaaa	ctttgggtaa	cttttttgcc	tgtctcccat	cctcctttac	tctcatttca	780
acttcctcca	tagtattgct	gtaattaatc	aaagtaggca	aagaaggttg	actaggtaat	840
tgccgctgcc	gtccggagag	tggccggact	ttggagtga	tgctgtttat	ggtactgtaa	900
aactcattct	ttaaaatcat	tgctgtttat	ggatttaaaa	tgcttgaata	aaatgtttaa	960
gataatt						967

<210> 479

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(743)

<223> similar to gi59968 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 479

aagctctggg	tgagctccag	gaggtgccgc	cgcagcaggg	cgctctgcac	atctgacggc	60
cgcttcttct	gcacgccctg	caggggagag	agggccaggc	ccttgctgcg	cttcacacca	120
caccaggctc	cctgcgtccc	cagccctgc	cccacaaacc	atataccttg	agcagccgtt	180
tgagcagcgc	cttgctgcgg	tggaggtggg	ccgtgtaagc	ggtgtagagg	cctggcggga	240
gggcacagct	ggcgccccac	ccttcaaggg	cctccctccc	acactcctgc	agccccacag	300
aggagccagg	gtgggggttt	catctgcctg	cagccccatg	cccttggtctg	cacctgaaaa	360
tctcaccac	ccacccccca	gacaccgaga	cccactgaag	agaagagagc	gacccctccc	420
caagggttct	gagctctgct	gctgagtcct	ggaagaggat	caggggtctg	ggggcctggc	480
tgccccaccc	gagagaccgc	ccaggtacaa	gacaggcctc	tccacggtgg	aggggctcca	540
ggtcgagggg	agcacagacc	tggcttggtg	tccagggctc	tcaaccttga	aggctttttc	600
agcttgactt	gcttaggcag	gtctcctacg	agacacgccc	ggtggccagg	cctcagtgcc	660
cgcagctctg	gccatcccca	cgggctttga	ggcgccccca	cactcaacga	ggcttttgag	720
cagcaccccc	tgcacctcac	cgggagcctg	acctgacatc	ttgggctccc	cgactcggag	780
gcc						783

<210> 480

<211> 449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(366)

<223> similar to gi4079809 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 480
tcgcttctgg attgtgattg atgagaaagt gtatgatata aaggacttcc agacacagtc      60
gttaacagga aatagtattc ttgctcagtt tgcaggggaa aaccagtggt tagctttgga      120
agctgctttc gagtttgaag tcacccggga atccatgcac gcattttgtg ttggccaata      180
tttggagatt gatgatgaag tttatttttc cagcctgacc aagaagttgt caccatacca      240
gatccgggaa gtctctcttc acctctgata gacacagaga ggaatctggg cctgcttctc      300
gattacaca cttcctattt agcaatgagc acaccgctgt ctctgtcga gattgaatgt      360
gccagtaaga aaatctttgc tttttgctga ttagcagatt attttttttg aactgtaagt      420
gccattaaga gtgggagagg gccaggccg                                     449

```

```

<210> 481
<211> 1033
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (148)...(1033)
<223> similar to gi3877563 in the genepept database release 114;
Run with FASTXY 3.3t00, default parameters

```

```

<400> 481
tttttttttt ttacttttga acgtttttta taagaaaagt tttaaacaat ttatttttgg      60
caaaaacagg tagggcaacc accacccac agccctgaag tggaatagga agacttgga      120
aagcacacga agagggcagg gacatgaggg tgtccatctt gtagcagctt ctgaggaaag      180
agctcagtc caatggcaag tttcaagtcc acggggttga aacagccagg gatgccctcc      240
cagccccctg tggtgccctg atccaggggc gtgaagctgt gcacgtgcct ccaacttgag      300
tccggccagg gggccccccc agcccgggcc acgcgcgggg ctgagctcca tgggctaggg      360
gccagggcgg gccaggggct ccggggaagg agggcggggg cccggggcat gctcggcttg      420
ggcgagagct gtcattccgg ctacagaaca gtcaccag gcgggcgaaa gagtcggagg      480
acaggcggac cagcttgctg cgcagggcgg ggtccgaggc cagcttctgg ttaatgactt      540
ctgcctcttc ctccagcagg gccaccagcc tccgcagtat ggcttccttc tctgtcgatg      600
ggggaccctg taattctggg ctgggcggag atttcagctg ctcttgacc agctgttcca      660
gccgctgggc caccaaagca tagaagtctg gagtagctgg gccaggctct aaaccatagc      720
aggggcggat gggcagagag caaggccgag gggactcaga ggggctgct cctcgcccca      780
gggagcaggg aagacatctt cgaaggcggc tcaggaagtc tgttggtct tcttgggcag      840
ggcttctagg tggagttgga acaggagacc cggcagcttc accacgccta aggaaggcag      900
ctaggacct cagcgtgtct tcccgagacc ccagctcttc agagcctgcc atggaggcac      960
ctggtcggg gccccaccgc cgctctctcc actcaacttg cggctctctc cactgaacga     1020
attccaccac acg                                     1033

```

```

<210> 482
<211> 1054
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (34)...(834)
<223> similar to gil209103 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 482
gtgcggtgga attccctggt gctctgggat ggtccttctc ttaggccctg aggggtgacc      60
tcggggccat tcccaggatg ggccttcttc actggtaccc caccctcttc ccgccaggca      120
tggccgcctt tgccaccgcc cacctctctt acgtctgggc cttcggcttc tctcccctgc      180
agccccgcct gctgctgctc atcactctgg cccctggccc ctacctcagc cttgtgctcc      240
agcacctcga gccggatatg gtcttgccgg tggcagccta tgggctgatc ctgatggcca      300
tgctgtggcg cggcctggcc cagggcggga gtgccggctg gggcgcgctg ctcttcacgc      360
tctctgatgg cgtgctggcc tgggacacct tcgcccagcc cctgccccat gcccgccctg      420
tgatcatgac cacctactat gctgcccagc tcctcatcac actgtcagcc ctcaggagcc      480
cggtgcccaa gactgactga ctagggagct tgaagggccg gtgttcaggc cctctcctcc      540
tgcaaggacc tgggcctccc agcccagccc agcctgagaa ataccctcag cagcgaagct      600
tcctgacgcc tgtctgcagg cgccgctgcc gccgtcgctt ctggctgaag acgtttgagg      660
acgatttgcg gaattccaag tccactactg ggttcagct gccttcccc gggtctgact      720
ccagatccct ggctcctcag ccaggcccac atggagccct ccagccacc agcctgcctc      780
catgttcact gtcggcccca cagcctgccc gcccctgct gctgctctga atccgttttc      840
cctgtgggtg tggaaccgta gatgttgctg ttaccgtagg agaggcctcg gggagggtca      900
tcattgtgat aaaccatcgc ggttaatgac agcagaaggt tctttgtcgc tccccatgga      960
ccaggcctgg tgcccagtg gaccctccat ggccctctgg tggggggccc cgggggggata     1020
aagtgaggat tgtgcagaac tgaaaaaaaa aaaa                                1054

```

```

<210> 483
<211> 557
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (84)...(421)
<223> similar to gi804788 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 483
acttgagaa tctgcaaaat agtagattac aaaggatcaa aagtcagtga gggttcaacaa      60
gaggtagggt gggataatga ccaaagacag agggaaacact tccagggtca ttctgtgagg      120
tcagcaacac catgacctaa aagccagata aagacctgc aagaaaaaca atacacaaaa      180
tacagatgaa aaggctgggt aatattgatg ggaaaatctt caacaaaatt ctagcaaacc      240
aactttcaca gcatgttaaa aggactgtac gccatgacca agttggagat agccctggaa      300
tgcattgtat acccaaaaca ggaaaattaa tgtagtgcac cccattagca gaatgaagga      360
caaaacccac atgatcatct caactgatac agaaaaaaca ttggacaaga ttgaacacct      420
ttccnnnnnn nnnnnnnnaa aagggaccct ctttttgtgc cccaccgga agggcagggg      480
ggcgcgttgg gttaatggaa attttggcct cccgtgaacc cggccggaat tcccaaattt      540
ataaatggaa aatccgg                                     557

```

```

<210> 484
<211> 1040
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (101)...(1040)
<223> similar to gi30058 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 484
aacggcagag cctgactccc catctcccggt gctccagggc gaggagtcct cagagagggga      60
gagcctgccg gagtccttgg aactgagctc ccctaggtcc cccgagactg actggggggcg      120
gcctcctgga ggcgacaaag acctcgccag ccctcactta ggtcttgggt ctccgaggggt      180
ctcccggggt tccagccctg agggctcgcca cctcccttcc ccacagctag gaaccaaggc      240
cccgggtggc cggccccgga tgagtccccg ggagcagctg gagcggatgc gcagaaacca      300
ggaatgtgga cggcccttcc ctgcgccgac ctcccccccg cttctcaccg tgggaaggac      360
actgtcccca gccagacgcc agcctgacgt ggagcaaagg cctgtcgtag gacactcggg      420
agcccagaaa tggctcagaa gctctgggtc ctggagtagt ccaaggaaca ccaccctta      480
cttgccgact tccgaaggtc accgggagcg ggttctcagc ctctcccaag ccctggctac      540
tgaggcgctg cagtggcaca gaatgatgac aggtggaaat ttggactccc agggagacct      600
tcttcccggt gtgcccgtgc ctcttccgga ccccacgcgc caggagacct ctccccccag      660
atctcccccg gtggctaatt cgggttccac ggggttctct cgccgagggg gtgggcgtgg      720
aggaggtccc accccctggg ggcccgcgtg ggatgcgggg atcgccctc cggctcctgcc      780
acaagacgag ggggcattgg ctctgcgagt cactctgcta caatccagct tctaattcgc      840
ccaaaagcgg cagccaatcg gagcgcgagg acgtgggtctg gaggtaccgc cggagatctg      900
ggaccactca gggcatcagg gggcgtgggt tgggtcccat tgcgggcccg ggaggggaat      960
ggtttctatg gccaaaagtt tggttttctc aacactgtct aaatttggat taaaactttt      1020
gaacttttaa aaaaaaaaaa                                     1040

```

```

<210> 485
<211> 1145

```

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (247)...(813)
 <223> similar to gi533088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 485

cccacgcgtc	cgctgctgca	cagacaccag	gacttagaaa	agctgctggc	agcccaggaa	60
gagaagtttg	cccaaagca	aaagacagag	atggaacagg	agctcctgct	gcagccacag	120
gagctgaagc	ccgggagagc	tggcagctcg	ctgacatcct	ttcagtggag	gccctctgga	180
caccaggggc	taggagcaca	gctggctgag	acgagggacc	cccaggatgc	aaagggtagc	240
cccaccatgg	aggggtcttt	ggagttcaag	cagcacctgc	tgcttggcgg	gaggcagcct	300
agctcgagct	cctgggacag	ctgccgcggg	accttgagg	gcagctctct	gagcctgttc	360
ctggatgaga	ggatggcagc	ggagaaaagta	gcttccatag	ccctccttga	cctcacggga	420
gcccgggtgtg	agaggctgcg	gggcccgcac	ggcaggaaac	acacattctc	cttaaggctg	480
accagtgggg	cagagatcct	gtttgcagca	ccgtccgaag	agcaagctga	gagctgggtg	540
cgagccctgg	gcagcactgc	agcccagagt	ctgagcccaa	aactcaaagc	caaacctgtc	600
agctctctga	atgagtgcac	gaccaaggat	gcccggcctg	gatgtctact	caggtctgat	660
ccctgaggtg	aaccccagtg	caacaccaaa	cttcaggggc	acaagcgagg	acacatctaa	720
gggaccagaa	taagactcag	ctacaggcaa	aagggtcctt	tcccgtggct	gcttcaacct	780
agttccccag	gcccagcttc	tggaatagac	agttccttct	ggtagatgg	gtcctaccat	840
gtggcaggaa	acagccattg	cctggcctcc	ccctgcattc	ctgtctgggt	gaagaggaga	900
cgtgttacgg	cagagcaggt	gggcaaggcc	agggctacc	caggcccatg	tggcctcctc	960
cttgcttga	aggggtgact	ctgagcacag	gtagacgcag	acgtgtgcag	agaatgtgct	1020
cttcggagga	agaacactga	tgagcgagct	ctgtaccagc	ccttgctcatg	tacagccaag	1080
agcctagaat	gacatggccc	ttctcagcag	taataacaga	tggtctcagc	gcctcaaaaa	1140
aaaaa						1145

<210> 486
 <211> 694
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(687)
 <223> similar to gi2072948 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 486

tcgtaaaaaac	tcacttcacc	tgtaaagacg	cataaagact	gaaagtgaag	gaatagtaaa	60
atatattttca	tgcaaatgaa	aaacaaaaac	aagcacgagt	agctatagtt	gtatcaggta	120
aaatagactt	taagaatggg	aaaaacaaca	aacaacaacg	aagatgatca	ttatataatg	180
acaaagagat	gaattcagca	agaggatata	ccagttctaa	atatatatgc	atatgcgtca	240

ctggtgcaca	gagatatata	aaggaaatat	tatttgacct	aaaggggtgag	atagactcca	300
acacaataat	ggttggggac	ctcaaccatt	gtcagcatcg	gacagatcat	gtagacagaa	360
aataaacatt	ggattgaaac	tgcgcttttag	accaaattgg	cctaacagac	atttacagaa	420
cattttatct	aacagctgga	gaatgcacat	tctttttatc	agcacatgta	acattctcca	480
ggatagacca	tgtgttaggc	cataaaacaa	gtctcaacaa	aatttttaaaa	atagaaatta	540
tatcaagtat	cttcttagac	cacaaaggaa	aaaactagaa	ttcaataaca	agaacaactt	600
tggaagctgt	acaaatacat	ggaaagtaaa	caaatgctc	atgaccaact	attgggtcag	660
tgaagaaatt	atgaaggaaa	taaaaaaaaa	aaaa			694

<210> 487

<211> 663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(559)

<223> similar to gi600118 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 487

cccagccct	ggaccagggt	actgaccacc	tctccgcccc	cggccccggg	gtcctgacca	60
cctctccgcc	cccggccccg	gggtcctgac	cacctctccg	tccccggccc	cgggttctctg	120
accacctctc	cgcccccggc	cccgggggtcc	tgaccacctt	tccgtcccca	accccggggt	180
cctgaccacc	tctctgcccc	cggccccagg	gtcctgcagg	cagggctgga	ggtggagcgg	240
ctccgactgc	ggaattttcta	tcaccactac	cactccaaga	ggggcatgtg	gagcgtccgc	300
agcaggaagg	gctctcgcac	gggggcgtct	tgaggacggg	cagccccctcc	cagccccgggt	360
gggagtcccc	aggcagctgc	tgggggctgg	gctttgagct	cgggtcccag	agaccgggca	420
gggctgggtca	gaggggcaca	gccaccgcct	gtgcctgccc	ctctctggcc	cactgggcgt	480
cgtgccccctc	cccggagagg	cagccttcac	ggcgggtcag	ggcctggcct	tggtccccac	540
tctgcgatga	tttctgtgaa	atthttgctgt	agcgatgaca	ttgttttcag	aatttccaag	600
agttctgtct	gttctgtttt	ttattcagaa	tgaaatgaaa	tatttttttt	agttctgaaa	660
aaa						663

<210> 488

<211> 575

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(575)

<223> similar to gi4240247 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 488
ccccgggtcga cccacgcgtc cgagtgggaac acatgactgt ctacgagaaa gatttcatcc 60
caagcagttt ctattacaag aaaggagggg ttgtctctcc tttgacttta gtggctgacg 120
aaggctgggt cataactgag aatcgagaga tgcttccgtt ttggatgaac agcaccggca 180
ggcgggaagg ttggcagcgt ggatggcacg gctacgacaa cgagctcatg gacatgcggg 240
gcatcttcct ggccttcgga cctgatttca aatccaactt cagagctgct cctatcaggt 300
cggtggaagt ctacaatgtc atgtgcaatg tgggtgggcat cacccectg cccaacaacg 360
gatcctgggt caggggtgat tgcattgctga agggccgcgc cggcactgcc ccgcctgtct 420
ggcccagcca ctgtgccctg gactgattc ttctcttctt gcttgcataa ctgatcatat 480
tgcttgcttc agaaaaaac accatcagca aagtgggcct ccaaagccag atgattttca 540
ttttatgtgt gaataatagc ttcattaaca caatc 575

```

```

<210> 489
<211> 1080
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1081)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (58)...(1080)
<223> similar to gi200541 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 489
aaggctcagg gttttgtcag tttcattcac tgctgaatcc ccagggcctg actgcggccc 60
atgggaggtg cttaataaag gttaacaaat gaatgaaggg ga'ncctgga gcctggagag 120
aagtgagtcg ctcaagggtc tagccatcca gaatgaatga ctttcatctt agaacgaata 180
aagcaccgag tccacagctc cagcccaagg tccttctcac agccgtgccg ggtcctggac 240
ctcaacccca ggacagagcc aagggtatcc ccaacctcag ggagtgcctg tcaggctctg 300
ccaggactgg agtgctcaca caaccaagtc agggggccac atggaagagg agcaggaacg 360
gtggaagcca aagcagccat ggccaaggcc agggagccat tccccccca cccctccagc 420
tgcttgagtg caggcatgac agacagcggc tgggcccaga agcccgaact tctggggcca 480
ggggagaggc ctgcagttcc catcagaaga gcagaagacg cagagctgct gcgggttgcc 540
ccagcaccaa tgggagcttc cctatggccc atgcttccct cctgggtgtt gccccaaacc 600
agcagagagc atcctggcca agtccaggct ctgccacct gcgccctctg gtggccacat 660
tggttagtgc cagaggggaa cccaggatct cccccagccc ctcccaggcg gttcctcttc 720
ccctaagcca gggtttcagc tgcacaagag atgatccaaa gggccggggg acatcagcag 780
cccttggaat ggctgggccc accctgacca gcaaggtgag gctggtaatg acttcgggga 840
tgaccacatc agccccaaac ggtgagcact cactgtgagc cgggctcagg ctaggccact 900
ctatcaccat ccagccacaa tgaccgaaga gtagattaag gccaggaaa gggatggcac 960
ccaccaaga tcaccagca cagaggtgat gctggatcgg cctgactcct cacctgtcct 1020
cccctctctg tccctccaat tgctcaacca tagatcagga agcctcctcc caggccagct 1080

```

<210> 490
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (16)...(611)
 <223> similar to gi200549 in the genepept database release.114,
 Run with FASTXY 3.3t00, default parameters

<400> 490

tttcgtgcct	gcagcatgga	gggtccccag	cgggggccctc	cctgggttaca	cgccaaggcc	60
ctgccccacc	ccgccccaga	ctgaaccgag	agcacacgga	gatctgagag	atggactggg	120
cggacaaggt	ggaggcctac	aacctcgaca	agacttgagg	gcgccaccac	agccagagca	180
ccgagggtgca	ggctcatccg	gcactccacc	acctttcaag	agaggggggc	cccagctctg	240
ccccgtgctt	gccctggctg	tggtctcgcc	tccctctgcc	tggggggccc	agcggcactg	300
cttccccccag	cctggcccag	aggccctcgc	ccccgagggc	acttgggcaa	ctgtctgccc	360
ctggcatgag	aaagcgtgca	agacctctc	aagtggcccag	cgctgcaca	gcctgggttg	420
ccgtagacag	gacaggggtg	gatgcggtca	gccccagggtg	ccggcaggat	tgcatttcca	480
ccgaaggcca	gcagagggag	cacgaccacc	gcccacttga	gcatggcaaa	ctcctggccc	540
cgcagcgct	ccaccccaga	gaccgggacc	aagttcacac	aggacaatct	gtgccgtgcc	600
cagcgcaagc	g					611

<210> 491
 <211> 1525
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1518)...(760)
 <223> similar to gi3047240 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 491

gcacactgca	ctgcccaccc	tgtatgcagg	ccttggggccc	aacctgagac	cacctgatgc	60
atggacgccc	atcccgctgt	catcatctcc	gccagaccct	gcctgggggtt	ctgcagggtg	120
cccacctgag	ccccagttta	cctgtgtcag	cccaaccacg	gccccagtcg	acctccctgc	180
tggccctggg	agacagctct	ctttcttccc	ctaactctgc	aagtgtcat	ttgccctggc	240
actgtgtctg	ctgtgccatg	ctaaatgagc	ccttgggcagt	gctctgtgtg	gcctgtgatc	300
ggccccgagg	ctgtaagggg	ttgggggttg	gaactgaggg	tccccaagga	actggaggcc	360
tagaacctga	tcttgcacgg	ggtcgggtgg	cctgccagag	ctgtaccttt	gagaatgagg	420

cagctgctgt	gctatgttcc	atatgtgagc	gacctcggct	ggcccagcct	cccagcttgg	480
tggtaggattc	ccgagatgct	ggcatttgcc	tgcaaccctt	tcagcagggg	gatgctttgc	540
tggcctctgc	ccaaagtcaa	gtctggtact	gtattcactg	taccttctgc	aactcgagcc	600
ctggctgggt	gtgtgttatg	tgcaaccgga	ctagtagccc	cattccagca	caacatgccc	660
cccggcccta	tgccagctct	ttggaaaagg	gaccccccaa	gcctggggccc	ccacgacgcc	720
ttagtgcccc	cctgcccagt	tcctgtggag	atcctgagaa	gcagcgccaa	gacaagatgc	780
gggaagaagg	cctccagcta	gtgagcatga	tccgggaagg	ggaagccgca	ggtgcctgtc	840
cagaggagat	cttctcggct	ctgcagtact	cgggcactga	ggtgcctctg	cagtggttgc	900
gctcagaact	gccctacgtc	ctggagatgg	tggctgagct	ggctggacag	caggaccctg	960
ggctgggtgc	cttttctctg	caggaggccc	ggagagcctg	gctggatcgt	catggcaacc	1020
ttgatgaagc	tgtggaggag	tgtgtgagga	ccaggcgaag	gaaggtgcag	gagctccagt	1080
ctctaggctt	tgggcctgag	gaggggtctc	tccaggcatt	gttccagcac	ggaggtgatg	1140
tgtcacgggc	cctgactgag	ctacagcgcc	aacgcctaga	gcccttccgc	cagcgctctt	1200
gggacagtgg	ccctgagccc	accccttcc	ggtggtggcc	agacaagcag	agcctggtca	1260
ggcggctttt	ggcagctctac	gcactcccca	gctggggccg	ggcagagctg	gcactgtcac	1320
tgtctgcagga	gacacccagg	aactatgagt	tgggggatgt	ggtagaagct	gtgaggcaca	1380
gccaggaccg	ggccttctctg	cgccgcttgc	ttgccagga	gggtgccgtg	tgtggctggg	1440
gcccttgccc	aacaaaccgg	atgcaggccc	tgacttctctg	ttgagtgcac	catctgtctg	1500
gactgcttcc	gccaagactt	gacag				1525

<210> 492

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(424)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 492

caaaacattg	ctgaaagaaa	tttttaaaga	catcctgcat	tcatagactg	gaagacttga	60
tgttggttaac	atgattatta	ctacccaact	taatctgctt	gccccacgca	attcttctca	120
aaatcccaat	agaaatttct	gcagaaatag	aaaaccctac	ctgaaactca	catggactct	180
caaggaaatcc	tgaatagcca	aaacaatttt	gaaaaagaac	aacaaagtta	taggactcat	240
actttcaatt	ttaaaactta	ctacaaaggt	atagtaatca	aaacaggatg	gcactggcat	300
aaggacagac	atacagacca	atgaaaaaaa	ctcttactat	atagtcaact	gatttttgac	360
aagaatgaca	agactactca	atggggaaaag	gacaatcttt	tcaaaagatg	gtgctgggga	420
aac						423

<210> 493

<211> 650

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (254)...(78)
 <223> similar to gi1017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 493
 caaatgtaat gagtgtggca aggtcttcac tcagaattca caccttgcaa gacatcggag 60
 agttcatact ggaggtaaac cttaccagtg taatgaatgt ggcaaagcct ttagtcaaac 120
 atcaaagcctt gcaaggcatc agagagttca tactggagag aaaccatatg agtgtaatca 180
 gtgtgggaaa gccttttagtg tccgttcaag cctaactacc catcaggcaa tccatactgg 240
 aaaaaaacct tacaaatgca atgagtgtgg gaaggtcttc actcagaatt cacaccttgc 300
 aagacatcgg ggaattcata ctggagagaa accttacaag tgtaatgagt gtggcaaagc 360
 ctttagtcaa acttcaaaac ttgcaaggca tcagagaatt cataccggag agaaaccata 420
 tgagtgtggg aaacccttta gtatctgttc aagcctaact acccatcaga caatccatac 480
 tgggtgggaaa ccttacaaat gtaacgtgtg gaaagttcta aagtcagagt tcaaaccttg 540
 caagccatca cagaattcat agtggagaga aaccttaca atgaaggtgg taacttttgc 600
 agttagaatt cattcctttg acaacgtcag agaatttatg cctgagagat 650

<210> 494
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(93)
 <223> similar to gi4050087 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 494
 cccacgcgtc cgcccagagt gcctgtcagg cgggtggcact gtcacgcgat ttgataaagg 60
 ccaaactgag tctgggagag aaggggctgg ggccacgcaa aatcagggca gggctggggc 120
 caaaatgcct ggagagacag agtctgagag atacagagat ggccagagac agatggagag 180
 agacagataa cacagagata cacagacagc cacagacaaa tggagagaga gacaaatgga 240
 gaaagagagc cacagacata cagaaagaca gagacactag agtctgagag atacagacag 300
 acacagagac agccagagac agatggagag agacagagac acaaagagag ccagagacac 360
 agagagtctg agagatacag acagacacag agacggccag agacggagag agacagagac 420
 agacagacag agacacagag agtctgagag atacagaaac agccatagac aggtggggag 480
 agagacatga acagagccag agacatacag agagacagag acacacagag agacagagac 540
 acggagagtc tgagagatac agagagacac agagacagtc agagagagac agagaggccc 600
 cagggcatcg tggctaaggt tgggctcccc tactccacag cctccaggag gggctgaggt 660
 ctggaaacat gggcgggggg gggccgcgag tgagaaaggt ggaagaatgt ctgcaactca 720
 ggcg 725

<210> 495
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (75)...(496)
 <223> similar to gi575322 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 495

cggcccnaaa	tgagacctat	ggaagngcgg	tggaaatcgc	gcgccccgag	cccccgcgcc	60
atgaagctcg	cgcacctcct	ggggctctgc	gtggccctgt	cctgcagctc	cgctgctgct	120
ttcttagtgg	gctcggccaa	gcctgtggcc	cagcctgtcg	ctgcgctgga	gtcggcggcg	180
gaggccgggg	cggggacctt	ggccaacccc	ctcggcaccc	tcaaccgct	gaagtcctg	240
ctgagcagcc	tgggcatccc	cgtgaaccac	ctcatagagg	gtccccagaa	gtgtgtggct	300
gagctgggtc	cccaggccgt	gggggcccgt	aaggccctga	aggccctgct	gggggccctg	360
acagtgtttg	gctgagccga	gactggagca	tctacacctg	aggacaagac	gctgccacc	420
cgcgagggt	gaaaaccccg	ccgcggggag	gaccgtccat	ccccttcccc	cggccctct	480
caataaacgt	ggttaagagc	aaaaaaaaaa	aa			512

<210> 496
 <211> 802
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(533)
 <223> similar to gi1009337 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 496

catagggaga	agtgttcatt	attggaagaa	agttttgcc	ttgttgaaga	taataaaaaa	60
gaagaacagt	attcctgaac	ctattgatcc	tctgtttaaa	cattttcata	gtgtagacat	120
tcaggtaaca	gagttccttt	atgaatttat	tggagatggg	aatttccagt	ttataaacia	180
agacatggag	ctatacactg	cttaaattaa	ttgccttggt	atttaacggt	aatcttggtt	240
tctaaattca	ctagctctca	cagataagat	atgacagaga	agagtaatga	gatgtttgtc	300
tcttaagatc	atataaaatc	tttggaataa	catttgggtt	ttatattctg	agtataaaca	360

atttgactaa	aaactattct	gtgtgttttag	gcatcagaaa	ttgttgaata	tgaagaagac	420
gcacacataa	cttttgctat	gttggatgca	gtaaatggaa	atatagaaga	tgctgtgact	480
gcttttgaat	ctataaaaag	tggtgtttct	tattggaatc	ttgcactggg	aagtagatgc	540
agtacttgag	ctaaaagttg	tatttattta	tttattattt	tttttaaaaag	acgggggttc	600
tctgttggcc	aggctagagt	gcagtggcac	aatcttggct	cactgcaacc	tctgcttccc	660
aggctcaagc	gattcttgtg	cctcagctcc	cgagttgctg	ggattacagg	catgagccac	720
catgcgtggc	caagctgaaa	gttttttgtt	ttaaaaagct	tatggattca	tggaagccct	780
tattgattag	attttcacag	ga				802

<210> 497

<211> 622

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(452)

<223> similar to gil469195 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 497

ccacatggta	aatctttttt	gctttgtggg	ccacataaag	tctctgttgc	atattctttg	60
ttttgttgct	ttgtttcttc	acacctttta	aaaatacaaa	gccattctta	gcctacttgc	120
aggctggatt	tagttcattg	gtttacttgt	tgattcctgg	tatagcacia	ggaattttaca	180
tgtttggaa	tgtttttgtg	tcttctggga	taagggggaa	gaggaagatt	atatcttgtg	240
ttttgggcat	gtcacactag	aaatagttcc	tttaagggtga	tgatttttcc	ctccaacaga	300
ttaatgctga	actgttgttt	cggccaactg	ctctttcaac	tccaagcttt	tcttctccta	360
aggaaaagtgt	tccaagaaga	catctttcag	aaggaacaaa	ttcttatgcg	acaagacttc	420
taaataatca	tcaagttccc	acctcagctc	ggaacctggg	gagccaacag	ggtcagtggc	480
taagattggg	tttccatttg	gggaatatta	aacagagctt	ttacttgaca	cttctgtgac	540
agtgatgcc	attcgggatc	attgtagggt	ccattgtgga	attgtagggt	ccatgaatgt	600
gaaaatcttc	aggacaattg	tt				622

<210> 498

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(307)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 498
tttttttttt ttgaaacgga gtctcactct ggtgcccagg ctggaggggg cccattttg      60
gttcaactgaa agctccgcct cccggtttaa tgccattctc gtccttcagc ctcctgaggg      120
gctgggatta caggcgcccc ccaccacccc tagctaattt ctttgtattt ttggtagaga      180
cggggtttca ctgtgttagc caggggtggg tctcaatctc ctgacctcat gatccttccg      240
ccttngcctt cccaaaagcg gtnggggatta caaggngtga caaaccttcg ncccggccaa      300
tncactg                                           307

```

```

<210> 499
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(398)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 499
cactgtcgtg gtattccaca cagcattgcc tctgaacaag atacttactt tatggctaaa      60
gaagtgtggc agtggggtca tgetcatgga attcactggg cttaccatgt tccccatcat      120
cttgaagcag ctggattgat agaacagtgg aatggccttt tgatgtcaca attacaacac      180
caactaggtg acaatacttt gcagggtctg ggcaaagtgc tccagaaggt tgtgtatgct      240
ctgaatcagt gttcaatata tggtagtgtt tctcccatag ccaggattca tgggtccagg      300
aatcaagggg tagaagtgga agtggcacta cttaccgtaa cgccaatga tccactagca      360
aatattagct tctggtcctt gtgacattac attctgatag g                                           401

```

```

<210> 500
<211> 371
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(372)
<223> similar to gi1780976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```



```

<400> 500
gtggttttgg cagtactgac agtgaaggaa aagcagccta ttgagtaa at caagcttcta 60
aacagacctg tgtgcacaat gattcagga aaacagtttg aaggactggt agacacaggt 120
gctaataattt caattatagc tctaaatcag tggccaaaag cgtggccccg acaaaaggct 180
tctatgggct tgattggagt aggcacagca tctgaagtct atcaaagtgc tacaatttta 240
catcgtttaa gaccagatgg gcaggaagtc accatccaac ctatgattac tttcattccc 300
attaatttgt aggggagaga tttgttacag caatggggta cagaaatcac cattccctct 360
gcaatttaca g 371

```

```

<210> 501
<211> 1169
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (120)...(1169)
<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 501
cctgcttttt aattttctga aagagacagt acagacttgg tatcatttct accttaagta 60
tctcgaaaaa tgcacatcag tgaatccatt tggccccggc actttttttg gaaggtttta 120
ttattattaa ttttattgag atggagtcct actctgtcac ccaggctgga gtacagtggc 180
acaatcttgg ctcaactgaa cctccacctc ccaggttcaa gtgattcttc tgccctagcc 240
tcctgagtag cttggactat acacgcacgc caccacgccc ggctaacttt ttgtattttt 300
agccaccgcg cctgggtcttg gaaagttatt aattactgct tcaattttatt taatagatat 360
atatgcctac tgagatctac cttttatgag ctttgagaga atgcaccttg caaggaattg 420
atccatttta gctaagttat caaatttatg gacagagttg tccatatttc tttctaattc 480
ttttggtgac cataggatca gctatgatgg cctctttcac ttttggtatt agcagtattt 540
gtcttctgtt ttttcttaat ctagctagag gtttatcaat tttaccacc ttttcaaaga 600
acagtttttg gttttattga ttttctctt tcaatttcac tgatttttac tctaattttt 660
ttccaggtta ctttggattt aatttgcctt tctttttcta gttttccaaa gtggaagctt 720
agattacttg tgtaatctag ggtcaccaga ctgtaaaatc ttagattatt tgtatgatct 780
gatcatgtaa tgtagtgtac aatcttcaca ctgtcaataa aagccccatg ccagcttgat 840
tctggctctt ctccagcctc aacctcctc ttcattttct caaaagtctc tgaaggccca 900
gatccctgtc tgggtacaat gagcaatgaa atgacagtc aacagccctg ggcagcaact 960
gggctgtatg tgtgggcctc tttccagggc cctgtcttgg agagcagctg cttaaagaaa 1020
at ttggacta tcaactacgc tgaaggctgg agtgttcaca tatgtacccc aggcagttca 1080
tggcatggga tgagccacag gtagtaagag aaaggagta acatggaggc aggcctagat 1140
cttcacacgt acaggataga ttttttttc 1169

```

```

<210> 502
<211> 383

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(385)
<223> similar to gi2065210 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 502
ttgtgtcaaa ggagtgtgg ctataaatac gaatccacac tgatttgtgg tcagcagcag 60
atggtttgac tggaaattca gaaacttaga ataaggttgg gaaacttgtg gtaagatata 120
gaaaagagct atgtcaataa actattctca aaaaggacaa agtgtgaggg tatttgtgtc 180
ccatgtaaat gatgaccaat gtataatctc agcagaggag gctctcaata accaagtggg 240
caaaatgact cattatttta tcagccactg tttcccttgc tcagaacgct aatgaacaaa 300
gttcatatcc tactgtgaga gcagcaggaa tgaagggtcat gcatgtgctc agtgacacag 360
gcttccacct gtcaagaatg aca 383

<210> 503
<211> 565
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(565)
<223> similar to gil8736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 503
aaaaggcctt tgctcagcgc cacaagtcac cgtgactgaa agaagcattt cattccgtcc 60
agacagttac tgagcttccg ttctccaggc actgcacaag gtgccgagga caaggcaggg 120
gaacggcctg ggcagccttt ggattggagg agtggcccca aagcccacgt atcagttagg 180
cggcgctgc gtctcccca gagcccacgt atcagttagg cagcacctgt gtctcccca 240
gagcccacat atcagttaga tgggectgcg tctcccccag cgcccgcgta tcaatcaggc 300
agtgcctgcg tctcccccag atcctgtgta tcagttagac ggtgcctgca tctcccccgt 360
gcccacgtat cagttagacg gcgcctgctt ctcccccaga gccacgtat cagttagacg 420
gcgcctgctt ctcccccaga gccacgtat cagttagacg gcgcctgctt ctcccccaga 480
gcccacgtat cagttagacg gcgcctgctt ctcccccaga tcctgtgtat cagttagact 540
gcgcctgctt ctcccccagt gtatt 565

<210> 504
<211> 582

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(577)

<223> similar to gi487836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 504

tttcgtgggc	ggggcctggt	cctgtgagcg	ttcggagact	gcgggcgcgc	aaacctgtac	60
tgggcccgcg	ccccggcccc	ttacagagct	gggtgtgtcc	ctccgagtgc	cccccgctag	120
ggactgtgca	ggccggagct	aggcagggac	agcggggcga	accgggctga	tagagtccgt	180
ccctgtctct	gtgaggctct	caccgaatcc	ctgctgtttc	cgggcagctg	aagagcgctg	240
ggccctcgcg	tcggggcggt	ggctgtggcc	gtgtctctct	gtagtctgag	cccactgtgc	300
gtgtggatcc	acgtgggagc	tgggttccag	agcctgtgtc	tgaggaggag	ccgagccggg	360
gcttccccct	ctcagaatcc	tgctcttctc	ccagagagat	tcccaggaga	agaggggaaca	420
accaattcat	tcctgaaagc	caggcctcgg	gacctgatga	catttgaaga	tgtggctgtg	480
gaattcagcc	agtgggagtg	ggggcagctg	aaccctgctc	agaaggacct	ctacagggag	540
gtgatgctgg	agaacttcag	gaacttggcc	attctgggcc	tt		582

<210> 505

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(439)

<223> similar to gi52878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 505

tttcgtcaga	ccttggtctt	gggagctttg	agacggtttt	caaggacact	gggcttggaa	60
gagaagtgtc	gccccctgac	tgcagctcca	cagaggcagg	aggggatggc	attcggaggc	120
cgccgagcgg	gctggagcat	cagcaaacag	gtttgtctga	aagtcaccag	gaccctgaga	180
agcatccaga	ggcagaaaag	gatgagatgg	agaagccggc	taagcggact	tgcaagcaga	240
aacctgtctc	caaagtgggt	gccaaagttc	aggacctgtc	ctcccaggta	caaagagtag	300
ttaaaacgca	ttctaagggt	aaggagacga	ttgccattcg	cccagcagcc	cacgctgagt	360
ttgtacccaa	agccgacttg	ctcaccctcc	cgggagctga	ggctggggct	catggctcca	420
ggcggcagga	caagga					436

<210> 506

<211> 1101
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(1002)
 <223> similar to gi2462077 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 506

gcgggcgctc	cctgccctgc	agctttgggc	tagggacctg	ccgcttgccg	cggttcctac	60
gagcgcgccc	aagcgcccca	ctctcccagt	gtgggcagtg	gcaccagtct	ctgcagtaca	120
tgcgaaacggc	tggtagcagg	ccctggccgc	gtcttcgccg	gtgcgggttg	cggaggaagt	180
actgctcgcc	gtgcacgccg	ccacgggcct	gccctgggtg	ggcagcattc	tgctctccac	240
cgtggcctta	cgggggtgctg	tcacgctgcc	tttggcagcc	taccagcact	acatcctggc	300
caagctaggt	ggaaaatttg	cagccagaaa	taaaaactat	tgccaggcat	cttaaccaag	360
aagttgcagt	tcgtgcaaatt	cagttggggg	gggccaaaag	agatgccagg	ctcacttatc	420
taaagaatat	gaggaggcta	atttcagagc	tatatgtgcg	agataactgc	caccttttca	480
aagccactgt	gttggtttgg	attcagcttc	caatgtggat	cttcattgtc	tttgcctctc	540
ggaatttaag	cacggggggca	gcacattcag	aagggttttc	tggtcaggaa	cagtttagcta	600
ctggtggaat	tctgtggttt	cctgacctca	ctgcaccgca	ctccacttgg	attctgccta	660
tctctgttgg	cgtcatcaat	ttgttaatag	tggagatttg	tgctctacaa	aaaattggaa	720
tgctctggtt	tcagacgtat	attacgtact	ttgtccgtgc	aatgtcgggtg	ttgatgatac	780
caattgctgc	aacggtaccc	tcattcaattg	ttctctactg	gttatgctcc	agcttcgtgg	840
gcctttcaca	gaatttgctg	ctgcgttctc	ctggatttcg	ccaactttgc	cgaataccat	900
cgaccaagtc	agatttcagaa	actccttata	aagacatatt	tgctgccttt	aataccaagt	960
tcattttcaag	aaaatgacat	attttccata	attttgaaac	agttgcagga	gtcactatca	1020
tctaaatgta	tttagactta	gaaattcaga	tgttacttga	tttcctttta	tttaaaatca	1080
ttaacttcat	gaaatacgaa	a				1101

<210> 507
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (17)...(469)
 <223> similar to gi200547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 507

ttcgccattc	gtgcttgggc	cagctccttg	gagaggcggg	cagcctccgt	gttttggggc	60
tccagcttgc	gggcctgggc	ttccagctca	tctccaaggg	cctcagcctt	tctcctcaac	120
tgtgccacct	cctccctgag	ggcctcctgc	tctgcgacac	cactggccag	gctctccctt	180
gggattgggc	cttcccagac	ctggacctca	agagcccctt	ctgacttctg	ctgtggtttt	240

tgccaggctg	ggtccctgac	cgtcccttcc	agcctctggt	catgctctct	ggcctctgct	300
tgtcccgtgg	ccaggctccag	gccctggttt	gggccctcct	gctcctccag	ctgcacagag	360
ctgggctccg	aaggccctgg	cttgtgctca	gggccctcct	gtctcaaccc	ccaggcctca	420
ggcaccaact	cgccttgggg	agcctaactt	cccactgtct	ctcctcccag	caactgcgcg	480
gacgcgtggg	tcgac					495

<210> 508
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (23)...(613)
 <223> similar to gi349075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 508	
gacatctcaa	gcttcgcacg aggggtgacta tgagtttgac tctccatatt gggatgatat 60
ttcgcaggca	gccaaagacc tggtcacaag gctgatggag gtggagcaag accagcggat 120
cactgcagaa	gaggccatct cccatgagtg gatttctggc aatgctgctt ctgataagaa 180
catcaaggat	ggtgtctgtg cccagattga aaagaacttt gccagggccca agtggaaagaa 240
ggctgtccga	gtgaccaccc tcatgaaacg gctccgggca ccagagcagt ccagcacggc 300
tgcagcccag	tcggcctcag ccacagacac tgccaccccc ggggctgcag gtggggccac 360
agctgcagct	gcgagtggag ctacctcagc ccctgagggt gatgctgctc gtgctgcaaa 420
gagtgataat	gtggccccc gcagaccgta gttgccaccc cagccacaga tggaagtgcc 480
accccagcca	ctgatggcag tgtcacccca accaccgatg gaagcatcac tccagccact 540
gatggggagaa	tcaccccagc caccgatgt atgcggccgc tctgaggnat tcgcgctaata 600
gccgcaggct	tcg 613

<210> 509
 <211> 1337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(1179)
 <223> similar to gil418928 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 509
gcgtccgcct tcagcgcgcc cacctcgtca tccagcgcct gcacttggct ccggagccgc      60
gacgtggccg cccgcgcccg ctgcacctcc gctttgtgcg cgtccacggc cagcgacacg      120
gcgtccacgg cgttctgcag ggcctgcagg gaggagccgt ccagctgccg ccgctcgtcc      180
aggctcacct gggctccttc cagggcacgc gtggcgctccc tctggccctc ccggatgacg      240
tccaggtcta aatagagctt ctggcaattg cagtccttca cgtacttgat gaggtcggca      300
tggccaccct gcaggtgctg cagcgtgagg ttgagctcca ggagctgccg ctccacctcc      360
tccttgttct cctccatgat cagagacttc tccatcagga tcacgcgcag ctcacggagc      420
gcggtgtggt tcacctgcag ctctccacc tgcgctcca ccttgctaata ctgatcgaaa      480
gtctcgccg attcggagta cagttccttg atctcatcca cgtgccgggt cagggtgagg      540
ctcatgtcct ccagggtgta ctgcaactcc tctccctgc gggccgtggt catgtgcagc      600
tctgagaggt tcctctgcag ctggcccagc ctggcctgca ggctgtccgg ctccaggcctt      660
gcccagagcc caggcgttgc caacaccaga ctggcattgg tccctggggc ctctgagcc      720
ttgtgcagcc tcttcaattt ggtgtccaca tccgcttggg gctctgagat cgagcgggtg      780
agggtaaaagt gctgggcgtg caggcgggtc tccacgtcct gtgcgagctg acccactctc      840
tgagtgttct cctggacctt ggctcaaat ttggcaccaa gctcctggaa gtcagccctg      900
gccacggcac tgtctgggac tctggagatg gcctggcggt tggcctccac gtcaagagac      960
aggtttctta tggcctgggt aaggctgtgc aggttttggg taaagctcct ccagatgggg      1020
ctgaaatgca cttgtaggaa ggtgtccacg tggggtagca gcacctgctc caaggatcta      1080
tcagggaact ctgcaacaga catgtggtgt gacacaagcc ctgcaggagc agacactcct      1140
cccaggctgg gaccagcggg gtctccctc cctccctca atgtgaccag gctcttctc      1200
agcccctaga gcctgccact caccgtgccc tgtttgattt gcttccatca ctgcagctgt      1260
gaggttacca ggcagggtt tccacaggcc tggcagggtg tctgccaccc ggtgcacatc      1320
attctggaga tctccca                                     1337

```

<210> 510

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(394)

<223> similar to gi4755083 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 510
aatggcgggg cctgtgcaac tgcctgggtt tgtgaaatgg ctgctgacgt ttccgattcc      60
aatagggtcg cctgcaaagg agaccaagg aacagagcca agttagatgc tgattaccta      120
ctttgagtcc tttattgtgg agtctgttca ttaaccaatag agtactgtga atatatgcct      180
gatgttgcta aatgtagcca atgattagag aagaattttc caaatgaata tgcaaaaactt      240
actgtggaaa attcacccaa acaagaagct ggaatctgtc aaggtcaagg aacagcaggg      300
gaagaagagg agaagaaaaa acagaagaga ggtggaaggg gtcaaataaa tcaaaaaaac      360
aaagacggta ccacaaaagg ttactatagc caaa                                     394

```

<210> 511
 <211> 562
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (502)...(304)
 <223> similar to gi212752 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 511

tttttttttt	ttagagtcta	tccattcctg	ttttgtagtc	agttcttgac	catcaccagc	60
tgcaagccag	gagccccgtg	ggtcaccgcc	aggcacctgc	tgtctgccac	gaaacagggg	120
ctgcaggtct	cttgtcaga	ctgttggtg	ggcagggccc	aggtcgatgg	ggtcagaggg	180
tccttggagg	ttattttcat	gcaggggtct	tcagaggtgt	gcatgcttca	gaatcatgga	240
ggagcatgtt	caaagtccca	ccagcatcta	agaacagctg	atcttgtcta	ttggtcttct	300
tctatgattg	aggaaactga	ggcccggggg	gtctggatga	tggtgactgc	tgaaggccat	360
agcaggttca	agggtgtcaa	cttgatgcc	atccccctag	tcccatagat	tggtctgtca	420
atatggccac	aagccacacc	cattcagggg	gtggaggggg	gtcccttagc	gagccccctg	480
aggtgttggt	taggtgcaca	ggcagtctct	cccctacatc	ctttctgcgt	cctgcagcag	540
agcagtcacc	aggccgaatt	cc				562

<210> 512
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(752)
 <223> similar to gil906596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 512

aaagacaacg	acaacttgaa	agcttggtta	tttccctgga	gatgtccggt	atcaaggtgg	60
gggatgacaa	atgctactta	gtcaatctga	atgcagaccc	tgctcttaac	gaacttctgg	120
tttattattt	aaaggatcac	accaggggtg	gtgcagatac	ctctcaagat	atccagcttt	180
ttggcatagg	aattcagcct	cagcactgtg	agattgacat	tgcatctgat	ggagacgtca	240
ctctcactcc	aaaagaaaat	gcaaggtcct	gtgtgaacgg	cacccttggt	tgcatgacca	300
cccagctgtg	gcatggtgac	cgaatcctat	ggggaaataa	tcactttttt	agaataaact	360
tacctaagag	gaaacgtcga	gattggttga	aagactttga	aaagaaacgg	gcccgcacga	420
gcatgacctg	gatgcagcca	gtgaggcttc	ctctgaacca	gactataact	atgaatttgc	480
acagatggaa	gttatcatga	aaaccctgaa	tagtaatgac	ccagttcaaa	atgtggttca	540
ggtcctggag	aaacaatacc	tagaagaaaa	gagaagtgcc	ctagaggagc	agcggctcat	600

gtatgagcgg	gaactggagc	aactccgcc	gcagctctcc	cccgacaggc	agccacagag	660
tagcggccct	gaccgcctgg	cctacagcag	ccagacagcg	cagcagaagg	tgacccagtg	720
ggcagaagag	aggtaagaac	tgcagcgcg	gcagcccaga	gtcaaggccc	caaggccgtg	780
ggtcctttgag	ggagggggtt	ttgagacatg	tcaggggacaa	acctagcaac	aagagaactc	840
ttaatcccat	atgtgatatt	gccaaattagc	ttttcctttc	acaaatattg	g	891

<210> 513

<211> 1184

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1184)

<223> similar to gi4456991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 513	
gaagcctctc	cttctgtgca tattattact gaaattcttc aaaagattct gagatgctct 60
cagtgtttca	ttgctacttt aattttaatc attatgggat tgattgctgt cacagctact 120
gccgcggcag	ctggagttgc tttgcatttc acagtacaaa cagcagacta tgtaaataat 180
tggcagaaaa	attctacttt gctgtggaat tcccaaaacta atatagacca gaaactagct 240
aatcaaatca	attatctcca acaatctgta atgtggctag gagattgagt agttagtcta 300
gaatatagaa	tgcagttaca atgtgattgg aatacttctg atttttgcat tactcctcat 360
ctgtataatg	aaagacagca tgagtgggaa agagttaaga aacatttgaa aggtcatact 420
ggaaattttac	tttagatatt atgcaactga aggaacaaat atttcaatct tctctggcac 480
atctgacact	aatgccagga actgaagtgc ttgaaggcgc ttcagatgga ttagcagcta 540
ttaacccatt	aaaatggatc aagacacttg gaggctctgc aatttgaatg atgactgtgc 600
ttttaattgg	tgttgtttgt ctttgtatat caaattgaaa tacaaatgaa attggtcatt 660
tgtacatctg	caaagtggga tcgcgaatcc tgcgagaagt agcctactgt gacaaagctg 720
cctatgcctt	tatcactttg caaaaacaga aagggtgggac acgttggttag caatccctaa 780
ccctgtcata	aacagacctt aaagaaactg gccataaaca ggatttctgc agcaatggga 840
catgctcatg	atggctgtca tgcacactgc taaaagtgtg tggtttacta gcagcagggc 900
aaggaacacc	tgggccccgc ccggagcaaa aaactgcttc aaaccacaaa cgataggcag 960
ggaaaggcct	gtgccttggc agcatgtttt tgctgcagat aatcagccag agcctgtttc 1020
tctgctcctc	gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 1080
ctatagaagc	aatgcttatc actggctttc tgtcaataaa tgtgtgggtc aagctctgtt 1140
tgtggctctc	agctctgaag ctgtcagccc cctaattccc actt 1184

<210> 514

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (319)...(740)

<223> similar to gi186396 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 514

aaattcccat	ctaacgtgat	cacatttttg	ttgggtttct	ctcctcctat	caggccccgg	60
gatgttgggc	cagcctcacc	tggagcaaac	gtcagaggat	caagcaacgc	ttccttagga	120
cctgctcaaa	attagctatg	cagccacagg	gtttggcagc	ttttatccat	gactgaaccc	180
cacatcgaac	gaccccaatc	acggttggtc	cgagcatcac	gtgcctgtcc	ctagaaaaga	240
aaatggatg	ctgcctgcgc	tccaagaggc	tcccagatgt	cactgctcgg	gtgtgcttca	300
tggtgctata	ggcagcgtcc	accagtgggt	gcattagtcc	ctcctcctct	tggtacaata	360
gttcctcccc	tattaccata	atccctcccc	gccattacca	tagtcccccc	tcctccatta	420
ccgtagtccc	tccttcctgt	accatagacc	ctcctcctgt	accacagtcc	cttctcccgt	480
taccgtagtc	cctcccatta	ccatagtccc	tcctccatta	ccatagaccc	ttctacttct	540
gttaccatag	tcctcctccc	attaccatag	accctcctcc	cgttactata	gtccctcctt	600
ccgttaccat	agtcctcctc	cccattacta	tagaccctcc	gttaccacag	tcctcccttc	660
tcacattacc	atagaccctc	cttcctgttac	catagtccct	ccttcataat	accacagacc	720
ctcctttcgt	tactatagtc	cct				743

<210> 515

<211> 1161

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1162)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1161)...(0)

<223> similar to gi5817053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 515

ttttttaatg	tggagaaatt	tttattactt	tgaatgtttt	agaatgcagg	tagaagagac	60
ccggagctca	aatagcttaa	ataagtagga	aatctattgg	ctaatacaac	tggaaatgcg	120
gagatagggc	aggctgcagg	gctggtggct	cagggctcag	ggggcccca	ctctctgtgc	180
tgctctgagg	cactgccttc	aatctcagg	tggcagcaca	aagctgctga	gagtccaggt	240
gtcacgcccc	gacccacaaa	tgccagggag	gaagacaggt	tctatctaag	gagagatctt	300
ccatccccac	ctctgctggc	ttttactcac	ttctcaggga	cctgcatggg	atctcaggcc	360
cattcctgaa	gcagttgttg	gcagacagag	tggaaatagt	tttacagcag	gcaggcagcc	420
ttggagtggg	ggcacacagc	tccaagtcta	tcaggaagaa	ggggaaatgg	gagctgcaca	480
gacagcaagc	agcatgctcc	atagaccacg	aggatctgag	tctgaattgg	tgattattag	540
aacaatgact	ccatgggggtg	atacattaga	agtgtctccg	ggtccagaga	tttaaattgta	600
atgaaagatg	aacagaaaaa	taatgaaaaa	aagtatgctg	cacaacaata	gaaaaacaaa	660

aatctcataa	tgcaaaagca	tcaagtgttt	gactctgaga	agcgccttgt	atgccagtt	720
actctcgctt	tcctcagct	cttgcttggt	cttctccacc	tgccattcca	ctttggcctg	780
gtactgcctg	tagtcttcct	ggcaggcccc	agctccagtt	ctttggagca	gctgggcatc	840
caagaagagg	tcattgctgt	ggaaggagcc	ctctcgctcc	ctccccagcc	tctcaatcac	900
agccaggagc	tctgcctgct	gctgcctctg	ctcctccaca	gagccccagt	tgttgaaggc	960
acagtacctt	ctctcacact	cccgcaccag	gtctttcagg	ctgcagttgt	ccgtgtttgc	1020
tacatagtca	tccagggcct	ggccccctta	gtcctctttg	tgggtgaaga	ggatgaccac	1080
atgtctcatg	gccccgtgcc	caaagacctc	tttcaccttc	ctgatggcca	ctgtgtcctg	1140
agcagnghaa	cgccccagct	g				1161

<210> 516

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(391)

<223> similar to gi1150834 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 516

ctcaagcggtg	gatgtgcgga	agcggggaga	aaggaaaggg	ctgggtgggga	tgtcttcctc	60
ccgacgccgt	gactgccggc	agaacccttc	cgaaagtgcc	tggggttttc	ctaccgtcct	120
ccccacaccg	accttgggtt	ccgcccacc	tcccaccgct	cacgcgggtc	cgtgcacccc	180
tcgtctccgc	ctctgccac	tgagccatgg	ccccccacc	cacctcggtc	gcaggagcag	240
gctcgggaga	cgatgccacc	ggttcctctc	cgccgccacc	agcagcaccg	acaccgcaga	300
ggccgcgcgc	atgtccctgg	agcccggcca	ctcctgtgact	ccccagtaca	gaggcagctg	360
cgtccacac	gccaaaccgc	ttcggacgcg	tggg			394

<210> 517

<211> 643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (48)...(597)

<223> similar to gi3261518 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 517

tttttttttg	atttcacgaa	ctcacattta	ttcacagaca	gacaaaggga	caaggacaga	60
------------	------------	------------	------------	------------	------------	----

cctttgctca	ctgggggaccc	ccaggggtctg	gcagttccaa	agaggtgatg	gtgtccagtg	120
tgtgaaacgg	gggacagggg	ggcgggggcg	tccccaccag	tctccatccc	tctggccaac	180
tgtccgccgc	ctttttttcc	aagtcgtcct	gccttaagac	acatgttggg	gtgagcgggt	240
cctaaccagc	atcagggggt	ctgggggscg	gcgatggggg	aggaaggggc	agtccagggc	300
ccccactcc	ttagtgtcaa	gggcgtgaag	gggacgggtg	ggtagacaga	ggaggtggct	360
ccttcaactt	ccctcctcca	ttctgcaaac	cggggagctc	aggcggagcg	gcggagggca	420
gggcggcgaa	ggtcaggagg	ccaggccccc	cagcccgcgc	aggtgagctt	tgctgtctac	480
ctcttcctcc	tccatctcga	aggctgagtg	gtcttggtg	tcgaaacagg	aggcgctgag	540
gaagacaggg	ggagccggcg	gggactgggg	tgggggtccc	ggagagggcg	gctcttcctt	600
aatgtttgcg	aggggcagcg	ggagcccttc	ttcctcctgc	tcg		643

<210> 518

<211> 512

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (118)...(514)

<223> similar to gi3882161 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 518

gggtgctggg	gagggggacg	ggtgcatctt	agccggcccg	tctccagctg	agcctgaggc	60
tgagttcacc	actaggcagg	gcaggaggga	gcaaaccctg	agccccaccc	accttccttg	120
cagtgggtgtg	agaagcacia	gcgctctggg	aggcagatgc	tctgtgactt	gcttatcaag	180
ccccaccagc	gcatacccaa	gtaccactg	ctgctccatg	ctgtgctcaa	gaggagcccc	240
gaggcacgag	cccaagaggc	cctgaatgcc	atttgaagcc	gtggagtcac	tcctgcgaca	300
tatcaatggg	caggtccgcc	agggcgaaga	gcaagagagc	ttggcggctg	cagcacaacg	360
catcgggccc	tacgaggtgc	tggagccacc	cagtgatgag	gtggagaaga	acctgcgccc	420
attctccacc	ctggacctga	cgtcccccac	gctgggggtt	gcacatgagc	acaccagaca	480
gctgctgctg	gaggggcctg	tgcgagtga	gg			512

<210> 519

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(421)

<223> similar to gi1435038 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 519
gagcaattca gtccaattcc gtttctgaag gaatgagcga attccccaga gagcaatgac 60
cgagactcag gtgggtgtct gtttttcatc cacatgcttc acagatgaca tatccccccc 120
ttaagccctg caacagagcg cgaggcgat agtcccattc acacaggagt cacactcagg 180
ccaactgaag cgtgattctg gattccacgt tctttgccct ctgcaaagggt gcctgttgct 240
caagtttctg cccccgaaa gcgtgaccat gttgactgtt tgttgcccga gctctgtggg 300
gtcccagaaa cttccaggaa tgcttgaag acccgcatcg tgcgggtgct ctcctttcca 360
gttttcaaac agaatatatt gaaaactccc cattttgcag gaaacaggaa tcacgaaaat 420
c 421

```

```

<210> 520
<211> 1019
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1020)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (86)...(1019)
<223> similar to gi287865 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 520
aggaagagac gcttacgtta ggggaatcct ccgagcggcc gcgttcccca cagaggacag 60
caggacttcc aaggtgagca tgtcggaggc tgatcgcgcc cagaagatgg acggggagtc 120
cgaggaggag caggagtccg tggacaccgg ggaggaggag gaaggcgggtg acgagtctga 180
cctgagttcg gagatccagc atgaagaaga gatttctcaa gaggaaagga aagaccgaca 240
gtccctggat caagccagcc aggaaaagga ggcggagaag tagaaagaag cccagcgctg 300
ccctcggttt ctgagtcgta taagtcattc gcaggaagcg ctgagcagac ggcaccagga 360
gacagcacag ggtacatgga agtctcttct ggacttcctg gatctccgag tcaaaggaat 420
tctgtcttca caagcagaag ggttgccaa cggtcagat gtgctggaga cagacggcct 480
ccaggaagtg cctctctgca gctgccggat ggaaacaccg aagagtcgag agatcaccac 540
actggccaac aaccagtgc tggctacaga gagcgtggac catgaattgg gccgggtgcac 600
aaacagcgtg gtcaaggatg agctgatgcy cccctccaac aaggccccgc tctcgtgct 660
gtgtgaagac caccggggcc gcatggtgaa gcaccagtgc tgtcctggct gtggctactt 720
ctgcacagcg ggtaattta tggagtgtca gcccgagagc agcatctctc accgtttcca 780
caaagactgt gcctctcgag tcaataacgc cagctattgt cccactgtg gggaggagag 840
ctccaaggcc aaagaggtga cgattagctt aaagcagaca ccacctcgac cgtggacacc 900
agtccccggg caggagaagg gctcggctcg anagggaggg cacnaaccac aacgggcagg 960
tacctggcac agctctggct gggctctcca gtcgtccacc tgaaaaagtt tcagttgtt 1019

```

<210> 521
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (128)...(442)
 <223> similar to gi4760780 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 521
 taccgggccc acgatttcgt gcaaagtcgc atctgatatg aggtggcctt ttaaccacctg 60
 agggaccaca tttaaggatt tcgaagagat ggaggctgaa ctttctcgat gactcttcgt 120
 caccgggagt ggtgcagagc aacctgcaag caatcaaggc cagtctaccc tgcagccctt 180
 gccgccttcc cataagcagc actctgcaca gcatcatcca tccatcactt ctctcaacag 240
 aaactccctg accaatagaa ggaaccagag tccggccccg ccggctgctt tgcccgccga 300
 gctgcaaacc acaccgagt ccgtccagct gcaggacagc tgggtccttg gcagtaatgt 360
 accactggaa agcaggtaac atctaaaatt tcaaaataag cttagcccaac ccttttctca 420
 ccaggagcaa ttactatac ttacatatc tggtgtgtg ctttgggggt ttgttgttg 480
 tgtgttttct tttttcttct ctaagaagca gttccagatt gttgtgat 528

<210> 522
 <211> 1190
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1191)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (214)...(4)
 <223> similar to gi4886505 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 522
 tttcgtgcgt ggcgcaggt gtgcgtgacc atgtgcttga aacggcagta ggcgagcgag 60
 aaggatcgcc atcacacggc gcaactgggc ggcttctccc ccgagtggat gaacatgtgc 120
 ttggtgtcgt ttttcttga gctgaacgtc ttgcaacagt ggccgcacgc atagggctga 180
 cccacattg gacaccgtg catccatgtc catcacaca cacagctgcc gtttcttctg 240
 cctgcttatg ggaaagaccc ctcttctcct ccgttttctt ctcttctgc cctatcacac 300
 cgtgcacttc tccctttcct taaagaacca ccatcaactt taggaggagg gaaaggggtg 360
 gctctggcag gaaaagccag aatccctct agccagcaga gagagagagt caagggtctg 420
 tttgggtggc agggatagcc acttctgaag gtagaaagga aaataagcca ccaaattggt 480

accttttctgt	gaaatggaca	tcgtgctcag	aatctccatt	ttccccacaa	cctggaggag	540
taagtactgt	catctgcatt	ttgtagctga	ggaatctgac	tcaacaaaat	taaattactc	600
gcctaagcaa	ttagcaatca	accaagtctt	tctgactcag	aaaccagct	attgcctgtt	660
catatccagc	ccctgtattg	gggtcaagat	ctggcctgtt	ctcaatgcag	caagatccag	720
gcagatcaca	ctggactccc	agcactgaat	ctggctcgag	gggacatcaa	atttgactgg	780
gtcatggggc	tcaggagcat	cactctcaaa	aatagcagta	caggaagagg	caatggccct	840
aaacagcact	tgcaggcaga	tccccaatgt	taatcataag	ggccaggact	ctctcacttt	900
tctgtctctc	tctctgtctc	tcctctaggg	ctgacccccc	attggacacc	actacatcca	960
atgtccatca	cacaccacag	ctgccttttc	ttctgctgct	ttatgggaaa	gtgggctcag	1020
gaggtctgga	tctgggggtg	ggatctggag	tggaaagggg	attcattttgt	tcattgtcta	1080
tccttttcta	ttgattgaat	tttttatata	tatatgggaa	ttttcacaat	aaaatttttt	1140
tccaaaataa	aataaaca	aggggctttt	tgcaaccan	aaaaaaaaa		1190

<210> 523

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (54)...(652)

<223> similar to gi21992 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 523

tttccgggtg	gcgtctgtgt	gtgtgtgcgc	cgcacgtttt	tgagtgtgag	acccaaatgc	60
agaccacgca	acctgcgttc	cccgcgcttc	cccccgctcc	cggtgattaa	taccattttt	120
tctgacgtct	ccctcctccc	ctcctgctct	ccctctccgg	ctgcgcgcgc	gttgacttgc	180
acagcctgcc	ccgcgccgct	tcccttcccc	cggctccgat	cctcaccaac	tggaaatctgg	240
gctcctgcct	ctccaccccc	cacctctttt	tgagaagga	aggttcccc	cacccccctt	300
caaaaaccac	ttcctccggc	ttcttcacct	ctaggaaatc	tcggggcttc	gctctatcga	360
gagtgtcgt	cgagggtgat	tcttgatcac	caccatccag	tagtgctggc	gtccgaatgc	420
atatcctttt	gccttgcaaa	gaagagtcac	gaacttcaaa	acccccgaga	cggatcatta	480
atcctgcttt	gcaggaaagg	aaaaccctcc	attcccagcc	accggccacc	cctctccgca	540
gactgcaacc	gcggaggcgc	tcggagccgg	aaggggacgc	tttgggaatg	accatgctcc	600
accgaggggc	ggagccggcc	cccagcttct	ccacacagag	cctcctccac	taacgtcca	660
aaaacaaaa	accgtaattg	ccagaagaag	cgttaaaaat	ctattccagc	cactaacc	719

<210> 524

<211> 1442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (542)...(1417)

<223> similar to gi5824812 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 524

cgggggcggt	ggggctgggc	ccagccggac	gcgacctcag	cctgcggcgg	ctaactgccg	60
gtaggcgtct	gtgtgcgccg	ccaagtcggt	ggggcgggga	cgcgagggtg	ggatgggggg	120
tcgccttgac	ctctgcctca	gccagtagcg	cagtctcggc	ctcgccgtta	cggagatggg	180
gccctgggtg	cggacgatgg	ggcagaagct	gaagcagcgg	ctgcgactgg	acgtggggacg	240
cgagatctgc	cgccagtagc	cgctgttctg	cttcctgctg	ctctgtctca	gcgcccgcctc	300
cctgcttctt	aacagggtata	ttcatatctt	aatgatcttc	tggtcatttg	ttgctggagt	360
tgtcacattc	tactgctcac	taggacctga	ttctctctta	ccaaatatat	tcttcacaat	420
aaaatacaaa	ccaagcaggt	taggacttca	ggaattatct	cctcaagggtc	atagctgtgc	480
tgtttggtg	aaagtgaagt	gtaaaccgaca	taggccttct	ttgctacttg	aaaactacca	540
gccatggcta	gacctgaaaa	tttcttccaa	ggttgatgca	tctctctcag	aggttcttga	600
attagtgttg	gaaaaacttg	tttatccgtg	gtacagggat	gtgacagatg	atgaatcctt	660
tgttgatgaa	ctgagaataa	cattacgttt	ttttgcatct	gtcttaataa	gaaggattca	720
caagggtgat	attccatcta	ttataaccaa	gaaactatta	aaagcagcaa	tgaagcatat	780
agaagtgata	gttaaagcca	gacagaaagt	aaaaaataca	gagtttttac	agcaagctgc	840
tttagaagaa	tatggtccag	agcttcatgt	tgctttgaga	agtcgaagag	atgaattgca	900
ctattttaagg	aaacttactg	aactgctttt	tccttatatt	ttgcctccta	aagcaacaga	960
ctgcagatct	ctgaccttac	ttataagaga	gattctgtct	ggctctgtgt	tccttctctc	1020
tttggatttc	ctagctgata	cagatactgt	gaatcatttg	cttatcatct	tcatagatga	1080
cagtccacct	gaaaaagcaa	ctgaaccggc	ttctcctttg	gttccattct	tgcagaaatt	1140
tgcagaacct	agaaataaaa	agccatctgt	gctgaagtta	gaattgaagc	aaatcagaga	1200
gcaacaagat	cttttatctc	gttttatgaa	ctttctgaaa	caagaaggcg	cagtgcacgt	1260
gttgacagtt	ttgtttgact	gtggaggaat	ttaatgatag	aattttacga	ccagaattat	1320
caaatggatg	aatgctgtgc	tcttcatgaa	gaattgcaga	agattttataa	aacatactgt	1380
ttggatgaaa	gtattgacca	aattagattt	gatcccttca	ttggtagaag	agattccaag	1440
aa						1442

<210> 525

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(569)

<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 525

gtcgaccac	ggtccgccc	gactctgaat	cccgggcggg	aggaggaccc	ccgcaccgcc	60
ccctccccag	cgtgtaagt	gctctgctat	tgtgcgtccc	tggaagtggg	gacccccctg	120
tcctcctcc	ctccccgtt	gtctggccgt	cgtcaacccc	accttgactg	agtgttgagc	180
ccgtccttgg	gctctgggtc	ctgcggggca	ggctctcccc	ggcccacggg	gcggacgctg	240
cataccaatt	tgccctgcac	cgctgtccc	ggagacggag	cccgaaggcc	tgccatggcg	300

gctgtgtcga	ggatgcgtgg	cgccctgccgt	ggcgggacag	cgtgggcagg	ctcattttctg	360
cccccaaccc	gggccccagg	acaggctcagc	gcgccctgcc	ccggtgcca	ccgctgcccc	420
ccatccgccc	tcctgccact	tgcccctgac	ccccctgccg	tgccctccgc	agccctccca	480
tgccgttcca	ctcctccctg	cctctgagcc	gaacatgata	ataaaagcta	ttattgagcg	540
cttactgcat	gccaaagtaa	aaaaaaaaa				569

<210> 526

<211> 875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (525)...(876)

<223> similar to gi4185940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 526

ccacgcgtcc	gaacaattat	acttactggg	catatttatc	aatttttttt	ggcaagaatg	60
cctggatgta	atcactctat	gacacagtta	cacatgcttt	ctgatctcag	tatttaccat	120
gataaatctg	ctcctataat	tgaggcatac	cgccctcaaa	aacctatctg	taaacaggat	180
tggaccagct	cagagaaaat	gaacgtacat	gtttgggaag	attgcattgc	agaacaggca	240
ggggtgctgg	caacgattcc	tatggaatca	ttattgattg	atcccctacg	gggatgttta	300
gcttgaattg	cacctctcag	tctgtgtgcc	acggcccccac	tatgttcagc	tggtctgaac	360
aaaatggtca	gatggtagaa	atgataagaa	atacggcaag	aattcctatt	atctggaacc	420
atggcggtgt	agtggcacct	caacctcaaa	tgatatggcc	ctttgtagga	gctaaacata	480
aggatttgtg	gaaactgtta	atagctctta	ataagatcaa	aatttgggaa	agaataaaaa	540
agcatcgaga	aggacactct	acaaacttgt	ctttggatat	tacaaaatta	aaagaacaaa	600
tatttaaagc	atcccaggta	cacctgacct	taatgacaga	aactggagtg	cttgaaggag	660
ctgcagacag	attagcagct	agtaacccat	taaaatggat	aaaaacactt	ggaagctctg	720
tgatttcaat	gatgattgtg	cttttaatcg	gtattgtttg	tctttgtata	gtgtgcagat	780
gtggatcctg	actcctgtga	gaagtagctc	acagtgtaa	aagctgcctt	tgcttttatc	840
gatttgcaaa	tcaaataagg	gggacatatt	gggaa			875

<210> 527

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(832)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (211)...(833)

<223> similar to gi4455041 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 527

ggaagtcgcc	gnttttnnnn	nccatgattt	ccctactcag	tgncgnggaa	ttcgggttgtt	60
gtgaggatta	aatgaggtag	aaatatggca	agtgcctana	agcaagccag	gtatatggtg	120
ggcactcaat	aaactgttgc	aaaggtgatg	atctctgtat	cagcactgcc	cagcactagg	180
tctgacctgc	ggtagcaatc	agtgcaggtc	cctgtcgagg	gaacacaccc	cagcctctag	240
tctggagagg	cccgtggccc	accagacaac	ccctcgctga	gcagtagctg	gagccactgc	300
ctcaacccca	cagccctgcc	ctggtcctgc	caccaagaca	ctactcacgg	gaaggtagat	360
gcagcaaagc	agagaatgga	gatcaagccc	aggcccacgc	tggcctcgtc	ccagccgtcc	420
tgggcacatt	cacccaacac	atcccatatc	caactggtgg	agccactggg	gcagctggag	480
aagttgcggg	agcccagttt	cttcagacc	atggctgtgg	aggagggggc	cccggccagg	540
cagggtgca	ccggaggagg	ggcgctgggt	ttctgaggcc	agcaagggtt	cctaagcacg	600
gcgtggggag	aggcagtgtg	ggccctcggt	ccctgcagac	ctggggagat	tgtggaggga	660
ggagcgtccc	agctcggggc	taccacccac	tccaggcctc	ggcgctcctg	gccacagctc	720
cctcctggtg	actcagcccg	gcgcggggcg	ccacgtccag	atccgccgcc	agggcccagc	780
ttctgggtca	aggcccgcgc	ggtcagctga	ccgcgcgcca	ccgccccgcg	g	831

<210> 528

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(414)

<223> similar to gil90504 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 528

gcccagagcct	ctggccgggc	tggaccaact	gcgggagctc	agcctggcgc	acaaccggct	60
ccgggtcggc	gacatcgggc	caggcacctg	gcattagctc	caagccctcc	agatgctgga	120
cctcagccac	aatgagctgt	cctttgtgcc	cccggacctg	cctgaggccc	tagaggagct	180
gcacctcgag	ggcaaccgca	tcgccacgt	gggccccgag	gccttcctca	gcacaccccg	240
cctgcgtgcc	ctcttcctca	ggtgccccga	gggtgaccgg	aggggtggag	gtgggcaggg	300
gagggcctgg	gagggctcat	accgcctctc	tgtgcagggc	caacaggctt	cacatgacga	360
gcacgcgggc	tgaggccttc	ctggggctcc	caaacctgcg	tgtggtggac	acggcaggga	420
atccggagca	ggtcctgat					439

<210> 529

<211> 898

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (73)...(892)
<223> similar to gil90406 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 529

agcactgcaa	acaagcaact	gtctagacat	tgacagttat	tttctagttc	tgaccttata	60
gtatccaaag	caactaaaag	aacaggaaga	cacagtttaa	atcatgaaca	gtcaatggta	120
agttatgaac	attcagttga	ttctcagtat	cagtctcgac	ctattattat	aagaagtcag	180
gaatctagtc	atggacattc	tatagtaact	cataaacagt	caaacaacac	ctatgttcaa	240
cctggatata	acacagccag	aagggaggga	tgtacacata	gccagtcaaa	tgaccacctt	300
ggatttggcc	atggacaatc	catatcagtt	catggccatt	caaaatctag	ttcaatcaga	360
aaacaggaat	cccatactga	taacaaaaag	cattcagaag	attgggagaa	agacactcat	420
gagcaattag	gatctaggca	tgggaagtta	gagttcaata	caatagggtat	acatggatct	480
agccagcaac	atttcggaga	tacaactttt	catgggcagg	taagatccag	cacagggtttt	540
gccagatagg	tattaagtca	tgggccatca	agagatgcct	agggtcagtc	tggttcagtc	600
accaatgaaa	gacaagtata	cagccatggc	caatcaaagt	atagttatga	gtagtcaaat	660
gacagcaaaa	gtcaaagata	catttttcagt	cacttttctg	acagccaaga	ccctgcagga	720
attgaagagt	ataggtatag	atattttatca	agcagtgcaa	ccatatgcag	tgggggagac	780
aaaggcaaga	gtcagagtca	agtctgtcag	gaggtatcag	aataacgggt	gaggatgtgg	840
gcaaaaaaca	aagaggctct	gaggccagcg	gttaccatac	aaaggaaaga	acaggctg	898

<210> 530
<211> 865
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (32)...(865)
<223> similar to gi600118 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 530

tctctgaact	tcttctttta	gtgtcttgaa	gccttcgtgt	acgtccccaa	catcagatgc	60
ctggataagg	atgaccttct	cctctcctga	cttttctcca	ggagggaagg	tttgcattgt	120
atcattgcag	atagtgtgaa	tatccacttc	atctttgcct	ttgaccatca	gctgtctcac	180
tcgaaaggcc	aggacgcagc	ccttggggat	ggttacagcc	tccttgtgat	ttatggatcc	240
ctgtagcccc	aatggggcga	agaaggggag	ggagaagcag	gcctctgcct	tgccggctcg	300
ctccagtgtg	acctcctgca	ccgtctccac	cacctccatc	accacatata	ggttctcccc	360
ttgatcttgc	atctccttca	ggaatgggtg	gtctgtctgc	agcttctctt	tctgcaaggt	420
ctccagggcc	ttggcagcca	cactgagtgt	ctggccctcc	agagtgtgtg	tctgcgagag	480
ccctgccgtt	cccttcacct	tcaccgtctt	tggtacatcc	acatctccca	ccactcgggt	540

gtccagcata	ttcttaaagc	caaaattccc	agtgtctgtt	gggtctgaag	gtgagcagcc	600
gggtctcaagc	acatccagca	gtgtgtagtc	ggtgcgagc	taccggggccc	cccagaagag	660
cgtgctcttc	ctcttcctca	gctccaggca	gaagggatgg	aagcgcttga	agtcgatgag	720
gctgtcaagt	ggtgtcaggt	cccctcgagg	gtttagctgt	ctggccaggg	cccgggtgac	780
attttcaaac	atggtcattg	tctctgggag	cggggctggg	tcctatccag	cagctgggtc	840
tgcggtgagg	gcctagggct	cactg				865

<210> 531

<211> 957

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (593)...(941)

<223> similar to gi5174770 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 531

agtaaaggga	agatttagga	tgccgttttt	caagggaaaag	ttaagtctag	acatgcttct	60
ttgaaagtca	caaggcagaa	ttggtcaaaa	gccagaattt	taaaaggaaac	ccaaaaccaa	120
atatcataag	cttgctcttc	tcttctctaac	tgggatataa	aattctccta	agtatctcat	180
cgaaaaggct	ccttgggacg	aaagtcgatg	ggggcaaata	tttggaggga	aatttcgtga	240
cttgtttgac	ctaggactta	attaataccg	ttcacctgta	gagaggatgc	acttggttcc	300
cagcgccctc	ctcccagcac	aggccgctgc	ctcagcatcc	accccgagc	ccacgtgtgg	360
caagccgggg	aaggggtgga	gtgaacggcc	ggagaccacg	tggagaaaagg	ggccgctttg	420
gcccttccat	ctgggtgccc	ggagccccta	ggccctccgg	ccatggccga	cagcggcgat	480
gctggcagct	cgggcccctg	gtggaaatcg	ctcaccaaca	gcagaaagaa	aagcaaggaa	540
gccgcagtgg	gggtgccgcc	tcccgcccag	cccgctcccg	gggagcccac	gccacctgcg	600
ccgcccagcc	cggactggac	cagcagctcc	cgggagaacc	agcaccacca	tctcctcggg	660
ggcgccggcg	agccccccaa	accagacaag	ttatacgggg	acaaatccgg	cagcagccgc	720
cgcaatttga	agatctcgcg	ctccggccgc	tttaaggaga	agaggaaagt	gcgcgccacg	780
ctgctcccgg	aggcgggcag	gtcctcggag	gaggcaggct	ttcctggtga	ccccacagag	840
gacaagcagt	agcccccaata	gcctgcgcgc	tccaggactg	cctaccacagc	actaccacca	900
acccccagtt	ccaaacccga	gacttcaggc	ccgccccctt	acgcgttgtc	tcattcc	957

<210> 532

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(1069)

<223> similar to gi485096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 532
gtttcttctg cagccacctc ctgagcctgg agccgctccc cgacttcttc tcttttctcg 60
ccttgtcctt tttgtgcatc gagagggcac cctggggccag caggcccgtg atgccctact 120
tcttctcatg gctttgtcag ctgggagccc cactgtgggc cgctacatcg cggatcactc 180
ttacttctgc ccggtgctgg ccacagggct cagtgccctg tactcatcac tgcctcgaaa 240
gattgagggt ccaggggatg attggcactg tctgcgacgg gaagactggc tgggagtggc 300
agcccttgca ctcttcatga gttccctgga gttctgcaat gcagtaattc aggtggctca 360
ccccctggg cagaagcagt aggttgatta tatccataat gggttcctgg tgcctgtcat 420
gggtcctgcc ttgcacaaga cctctgtgga ggagatgatc gccagtaccg cctacctgga 480
acttttctta cggagtatct cagagcctgc tttgtccgt accttctgc gattcctgtt 540
gttgaccggg catgacaccc acaccatcct cgacaccctc gttgctcgta ttggcagtaa 600
ctcccggctc tgcattgtct ctctgagtct cttcaggacc ctctgaacc tcagctgtga 660
ggatgtcctg ctgcagctgg ttctcaggta tcttgttcca tgtaaccacg ttatgctgag 720
ccagaagccg gctgttcgtg atgtggacct atatggacga gcagctgaca agtttctctc 780
cctaattcca cgctgttgtc ggcaccacgc cccagcccca cctcgtccag agcatgcctc 840
atgggcacga ggtgggccta gcagagagac agggagaagg gaggacatca cgggtcctgg 900
aagcccaagt gtggactcct cttctgtgat gacagtaccc cggccctcca caccatctcg 960
tctggctctc ttctgcggc agcagagcct ggggtggtct gagtctccag gccagcccc 1020
ttgtcacca gggctttctg catccccgc ctccagccct ggccgacgg 1069

```

```

<210> 533
<211> 514
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(515)
<223> n = a,t,c or g

```

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<220>
<221> misc_feature
<222> (514)...(0)
<223> similar to gi2429362 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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```

<400> 533
tttttttttt ttgagtgtgg ccctggctat tttattccat gtgctggccc tggggaccca 60
gctggggccag gtcgacgcc ctggggagac agtgtggctc ggccagcctc agtggcttct 120
ttggggtgca ggagggcttt ggggttaagg ctggggagga acaggaagta aagtgtctgc 180
aggggccctc ggggcttggc cccagccacc ctccctgtc cggggcgggc cagaggccgg 240
acaccctgg gctgtgcaaa caggactctc cagggcccg ccaggcctgg gtgaggggca 300
cactactggc ggcaggcatg gttcccaaca cccgcagcca cggaggctct ggccgggctg 360
ggggcccga tgaggggtga gtccagaacc gattgtccgc tgattgtctg cttgtctggg 420
tcgtggctgt gtcggctctt cccggtatcg gggcctgctg cccgctttct gggggctgcg 480
gacgcgtggg tcgacctnna attccagagc ggtc 514

```

<210> 534
 <211> 716
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(717)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (675)...(6)
 <223> similar to gi3417297 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 534

ggggccgcag	tccgtgcaca	cgtggcgccg	ctggccggcc	tgagcatcca	tgctgggtat	60
gggtgccggg	ggctgtgctc	ctgtggtcgg	gtcccaggca	gcatttttgg	gtggctgtgc	120
ccgtgccggg	gccacgctaa	tagctgggtc	agggttgctg	tccaccagca	cttcaggact	180
ctccttcaca	ggagcctttc	taggcccttt	ggctcttggg	acttcctccg	gttcctcttc	240
cttcctgttt	gggacatctc	ctctccgagc	tcctcccagt	ctttccccct	tctcaggatc	300
ctgggcggcg	gggctccaag	cctcactctc	ctgttccatc	caagagatga	gggctggttt	360
ggggcctggg	aatcctggga	gagaacaggg	atcacagcgc	gggcctgaga	ggccatcgtg	420
ggaagatggc	attccccctc	aggctgaggg	cacccccctg	gagcttatac	tcaacctgga	480
aggggctgca	gtgctgctgc	ctgaatgaaa	tggatgcggg	tgaaaacact	cccagggggg	540
tacctgaagc	cctgggaacg	ggaggtggct	gctgggtgtg	gtgcaagagt	gcgggattag	600
ggctcacagt	cctctcggnc	cttctacatc	atctcccctg	tgaacccagt	gaaagaagag	660
gggctcggac	ccgggctctc	accgagcgcg	cccaggtggc	cgtaggtctt	ctgcat	716

<210> 535
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (263)...(625)
 <223> similar to gi5738610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 535

gtgtgaaatt	ccattggatt	actgaatcaa	gtaagccata	aaagttaaac	ccaagtgaaa	60
ctagataatt	gtgcaatttt	cttagatgga	ctccttctta	agttcacctg	gctctctact	120
ggggacaaa	tcttatattt	ctcaattatg	tatgcaaact	ggaatcacct	gaaaatacgt	180
ttaaagacaa	aaattgcagc	agagaagcca	gggaaggggt	agagtggatt	cttccagcac	240
atgagttcac	atgactgctt	ccccttctca	acaggggcca	gagcctgcca	ggacctcaaa	300
gaggagagct	tcagaggccc	agctgacata	ctaggcatag	gggcaaaga	gtctaccttg	360
agaaaggttt	ttatatctca	aatttgaccc	actcttgaat	gacagctcta	agaaattggc	420
ttctcaggaa	actgagacaa	acagcatctg	tgatgctacc	atgccttctt	taggaagtcg	480
gcctgaagca	aagccgggtg	aatctgattt	ctagcgactc	cgggtgttcg	tgttcctgtg	540
atagggcctc	ccttatgtgt	ccattggccc	cattgtggat	atactgcagt	ttagccagaa	600
agacctggat	gtggaggtta	aag				623

<210> 536

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(383)

<223> similar to gil004363 in the genepept database release 114,

Run with FASTXY 3.3t00; default parameters

<400> 536

tctgcactct	caggtattcc	ctgctcttac	tccaaaaaga	tggaccacag	tccgaagggg	60
cactgccact	gtggggggca	tggccatcct	ccaggtcact	gcggggccacc	ccctggccat	120
ggcccagggc	cctgcggggc	acccccccac	catgggtccag	ggccctgcgg	gccacccccct	180
ggccatggcc	caggggtcctg	cgggccaccc	ccccaccatg	gtccagggcc	ctgcgggcct	240
ccccctggcc	atggcccagg	tcacccaccc	cctgggtccac	atcactgagg	aagtagaaga	300
aaacaggaca	caagatggca	agcctgagag	aattgcccag	ctgacctgga	atgaggccta	360
aaccacaatc	ttctcttctt	aataaacagc	ctcctagagg	ccacattcta	ttctttaaaa	420
aaaaaaaa						428

<210> 537

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(739)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (279)...(726)

<223> similar to gi2197085 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 537
caatttgatg tatttgagtc agcattcaga aaattttaa atgattttattc acaaaagatn      60
ttctgagtct cctttggcaa attcccaatg atacacgatt aattcaataa atttctacaa      120
gcaattattc attccaganc cataaaactt ctaagatgga atttgcaaag caatgaaaca      180
gtcattttac attgtgtact gcactacaca gattgctttt tataatttatg aagtttaaat      240
gcagggaata agtcaatatt taactaaaaa atggattcaa aactaaccac gtctggcata      300
aggacagaaa tttaggtgag tggaatagaa ccaagaatct agaaataaac ccatacatct      360
atggtaattg atttctaaca aagttgcca gacaattcaa tggggaaaaga ataattcttt      420
ctatatatag tgctgggata atatctcata tcaaagaatg aatttggact cctaccttac      480
atgtacctca catatataaa aattacttca aactggatca aagatctaag tacgttaaga      540
gctaaactat aaacttttta caagaaaaca taggtgtaaa tctttgtgat tttggattag      600
ggaatgattt atttgatatg acacttaagc attagcaacc aaagaaaaaa atagataaag      660
tgaacttcaa aatgaaaaac ttctgtgtgt caacagacac aatcacaaaa gtgaaaagac      720
aagagaatgg gagaaaat                                     738

```

<210> 538

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(417)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 538
aactttcacg gggccaaaat tttaatcttg atggagtcca acttcagttg acccaagcag      60
aaggaacgaa ataataaata ttagagcaaa aataagtga ataaagaccc caaaaccaat      120
aaaagaaatc ggtcaagcct aaagttggtt ctgtgagaat agcaacagaa ttgacagaaa      180
cttttagctg ggccaaccaa ggaaacaaga aagaggggtc agatcactgc agttgggagt      240
gaaagagaca ctagctgacc ttccagagat aaaggctgta aaggaatact acgaacagct      300
gcatgccgaa aattaataac ggaggtgaaa tgaacaaact cctgaaaaga caaaagctac      360
caaaactgac tcaagagaaa cacagacaac ctgagtagac ccacagaaca gcaaagaca      419

```

<210> 539

<211> 2369

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (170)...(2291)
 <223> similar to gil86774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 539

atacagagat	gtgatgctgg	agaactataa	gaatctagtt	gcagtagatt	gggagagtca	60
tattaatacc	aaatggtcag	cacctcagca	gaattttttg	caggggaaaa	catccagtgt	120
ggtggaaatg	aattcagagt	aaaagggaga	atctcaatga	aataaatttg	gaaaacttct	180
atgaaccatc	attaattttc	accaacagga	gagaaaccat	tttggagagg	aactgtttga	240
ctttaaccaa	tgtgaaaaag	ccttgagtga	acactcatgc	cttaagactc	acaggagaac	300
ttacttttag	aagaaaacct	gtgagtgtaa	tcaatgtgaa	aaagccttca	gaaaaccctc	360
tatctttact	ttacacaaga	aaactgatat	cggagaggaa	cttcctaact	gtaatcaatg	420
tgaaacagcc	ttcagccaac	atctacatct	tgtttgcaag	aaaactagcc	aaaatctaca	480
tcttgtttgc	aagaaaaactc	acactcaaga	gaaaccatat	aaatgcagtg	actgtgaaaa	540
aggcttacct	tctcctcac	acctcagaga	atgtgtgaaga	atztatggtg	gagagagacc	600
atatactcat	aaggagtatg	acgaaacctt	ttctcattct	acagcccttt	ttgtacacat	660
gcaaaactcaa	gatggagaaa	aattctatga	atgtaaagca	tgtgggaaac	ccttcactga	720
gtcgtcatat	cttactcaac	atttaagaac	tcatagtaga	gtgttaccta	tagaacataa	780
gaaatttggc	aaagcctttg	ctttttcccc	agatcttgct	aaacatataa	gacttagaac	840
tagaggaaaa	cactatgttt	gtaatgaatg	tggcaaagaa	tttacttggt	tctcaaaact	900
caacattcac	ataagggttc	acactggaga	aaaaccgtat	gagtgcaca	aatgtgggaa	960
agccttcact	gattcatcag	gtcttataaa	acacaggcga	actcacactg	gagaaaagcc	1020
ttatgaatgt	aaggaatgtg	ggaaagcttt	tgctaactct	tcacatctta	ctgtacatat	1080
gagaactcac	actggtgaga	agccttatca	atgtaaggaa	tgtggaaaaag	cctttatttaa	1140
ttcctcttcc	tttaaaagtc	acatgcagac	tcaccttggt	gtaaaaccct	atgactgtca	1200
acagtgtggg	aaagccttca	ttcgatcctc	atttcttatt	cgacatttga	gaagtccacag	1260
tgagaaaagg	ccttttgaat	gtgaggaatg	tgggaaagcc	tttagatact	cctcgacact	1320
tagtcaacat	aaaagaatac	atacagggga	gaggccatat	aaatgtcaaa	agtgtgggca	1380
agccttcagt	atctcatcag	gccttacagt	acacatgaga	actcacactg	gtgaacggcc	1440
ctttgaatgt	caggaatgtg	ggaaagcctt	tactcgggtc	acatatctta	ttcgacatct	1500
aagaagtcac	agtgtggaga	aaccatataa	ggaatgtggg	caaaccctta	gtaattcctc	1560
atgccttact	gaatgtgtgt	gaattggggc	tgataacttg	aaagaatgtg	gtaaagccac	1620
tacttctca	cacttactga	acatgtactc	attcatagt	gcaatgtaca	cagtcataag	1680
gaatgtggga	agccttccct	ggtgtctcag	atcttaacaa	ttccaataga	agagaagaca	1740
tatgaatgta	aggaatgtgg	gaaaatcttg	gctccttcca	taggccttac	tattcatgtg	1800
tctgtgcac	ctaggaaaca	aactgaacgt	aggaaacctg	tcgatgctta	catcttactg	1860
agtctgtttg	aactcatgct	ggagagaaat	gctatgaatg	tgaggaaggt	ggaaaagcct	1920
tcattatttt	cctcgggcct	tactgagctt	gtgagcacat	tggatataaa	tgcacgtcct	1980
ctggctgtaa	ggaatgtgtt	gaaacctttc	actctgcctt	ataccttaat	attcagctgt	2040
gatctcacia	gtgtgaaaaa	tcttatgaat	gtaaaatgtg	tggagattct	tctttgtttt	2100
tagcttccac	tttgggaaca	tgtcaaagca	cacattgaga	agtcacatga	gtgaaagaga	2160
tgttggaag	cccttgaact	tggctgtag	gaaacatcca	cactgaagag	gaacctgact	2220
gtatggaagg	tcaaaaaggc	tgtattaatt	tacatgcaaa	aagtcacact	agaggaatgc	2280
catatcagaa	tgtttttggt	aaatatacat	gttttaaaga	ggttatatat	cattaataaa	2340
aatatctagc	tggctctgaaa	aaaaaaaaa				2369

<210> 540
 <211> 2784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1467)...(2784)

<223> similar to gi2065210 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 540

tgggtccct	tccactcaag	agttttat	caatatattg	aacctggcct	ggagcttagg	60
gctttataga	gtgggagggg	ggcagtcctc	caaaagatgc	ggactcttgc	cacatggaat	120
ggtggagtag	ggaagggtgg	aaagggtttg	gtaggtaaac	cctgaagatg	cttctaacac	180
acgtgctggt	ctcccatctc	acgtatgacg	actctccac	aggtaaccaa	aaccacattt	240
ctctctgctt	agggaattca	agatcatatc	taacttcgaa	ttccaggggt	aatgacgcgg	300
cttctattct	ccaaagtcca	gtgtcattag	ggataatctc	cctctttcag	ttttatcaca	360
attccatttt	gaaattctac	aacctgtaga	ttaactggta	aaattaacca	tattcaacca	420
aaattgtata	acccagcaag	aatggaagaa	tgggtaaagt	ctacagtcca	tttctagaac	480
tgggtcatgag	aactcatggt	tatgatgatg	gacttttgat	ctgggtggagg	gacccaaacc	540
ttcagttctg	aagctcatta	gtggtcctac	ctgtgtgaca	ggcatttact	attggactgg	600
cagtcaccagg	acaaactcca	ggaatcccc	catgtccatc	tctactcctg	ccctctttta	660
cgtacgagca	atcatatttt	cccttgatag	ggttcatcat	tctagatact	ccgatgactt	720
ctttataatg	agcctgaagt	ggcctgggtg	ctgcctcagc	ttccagttca	gttgaatagc	780
tactacgtct	ttgaggatgt	gctccttgct	gggggactaa	actctccacg	ccagcccatg	840
cccaaaccta	aacctcgggt	atgagaaaag	cattgagatc	tagcaatagc	agggccatgt	900
ccacactgcg	tcctatccct	gaaggagaaa	cagcgccagg	tatggttgcc	ggctccaagc	960
gcatgctgcc	tcctgcaggc	ctgaccacgc	ctctcggggg	gttggtttctg	gtgccatagt	1020
tgaattttca	acaaaccatt	tcaccaccct	ctcaagacag	ctgctgctgg	tttggtgggt	1080
cctgacaaga	tgagtgaatg	cctgcccac	aaccggttac	tcttctttta	gctgtaaggt	1140
gaattctctg	gttgggtgca	gtatgtgagg	aggtcacatg	atgtttatgg	cattttagaa	1200
ttccatggat	attgatggca	ggagaggcat	gatgggttag	aaaagcaaat	ccaaatccag	1260
aacaagggcc	caaaagggcc	aagacaaatt	actgcccctc	tcagagccac	aggtgtagac	1320
aggtgaaaac	actggacagt	gagtgaagta	cccacacacg	acccactggt	gccttcagag	1380
ccttagcctg	gagcgacagt	gtaccgttga	taatggaacg	cactggccat	gccagacttt	1440
atggctaggc	ggtcagataa	cactacgagg	ggcagcatgg	ccaccaagtg	tgccagggcc	1500
aagtgttcag	gctctcccag	agcccagtgg	tgagccagaa	gggcattttg	tacaaggata	1560
atggttactt	tttgcccaga	gcataccttg	gctccaaatc	ctgggttccc	gtatcatatt	1620
ttcttgctag	gacttacgcg	aagctatgta	tggctccgcg	gtatgccacc	catggaaaga	1680
cacctcatgc	accattgacc	tgccagggtca	cgtggcctga	tggcagcgtc	ggctgcacaa	1740
aagactttcc	cagctgcaat	gccttcgcct	gctctaggcc	caccccaaag	ctggcagtct	1800
tctaggctag	ttggtaaatg	ggttagaaca	agatgcccc	aagtggcata	aattgcatgg	1860
aattaggcct	tagtggcgag	ggattcgaca	tacagtcatt	tgctctacat	tgtgaaggaa	1920
acattctgac	ctcaaacaga	tcctcaacc	ccagaacttt	atagaagggg	cagaccttgg	1980
cattttcaca	tgatttatct	cccactctga	ttcacatatg	tttgaccaag	gcactgggca	2040
gctgccaatt	tccgctccct	tctgtagtcc	cagatgaatg	gatacagacc	tctttgggga	2100
aggctgcaag	gaagggttcc	aacatgcac	taagtgttaa	aataagtttt	tccttcaaaa	2160
atacatttga	cttctctctc	atttaaggtc	tggaaatcaa	gtgggagatc	ttgactttac	2220
cttggcactt	gagacagaac	tgttggccca	gaagtcttta	gttaaggtca	ttactaggcc	2280
atatcttagg	ggcgctgggc	ctttttcatt	cctgggaccc	acagctcgag	gtctggtttc	2340
catgccctat	cccttacgat	gagcgcccta	ttttgttcc	tctgtctatc	tctgttgctg	2400
agatcaggga	gcccacgttc	acagcagctc	tttcaagcag	cctcccaggc	ctagagagga	2460
aaatcagcag	agcctcgtga	atgtatttct	cgtggcaaga	agggagotca	tcttctgggt	2520
cctgccagag	ggcagtgagg	gggttgatgg	gctgggtgca	tgccagggac	ccaatcaagc	2580
atTTTTatct	tctgaaatct	ttgaattcct	gcctttcttg	gatgtttggt	cttttgatat	2640

aatttagcat	gggccaacat	ttggtccaga	tttgtattag	ccaagccctc	ctaaaatagt	2700
aataacagta	tctggcgatt	tgagctttta	cgtagaatgt	agaatctctg	gtgagtgaac	2760
atatcaataa	agacaacctg	aacc				2784

<210> 541
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(446)
 <223> similar to gi181400 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 541						
ctcacgcgtt	cgggtatgga	ggagcatcac	agctgttaca	gtgacccaga	gcctcccag	60
tccccttaag	ctggatgtgc	acaccaacac	ccaggctgta	tgcaccccgg	agaaattgca	120
gatcaagacc	ctaaacaagt	ttgccccctt	cactgagaag	gtacccttcc	tggagcagca	180
gaacaagata	ctggagacca	agtggatcct	tttgcagcag	caaaaagtag	cttggagcaa	240
catggacagc	atgtttgaga	gctacatcaa	caacctaaag	cagcaactgg	acacactgag	300
ccaggagcag	ctgaagctgg	aggcagaact	tggcaacatg	gagagaccag	tggaggacta	360
tcagaagtgt	gaagtttaaa	taaccaagcc	tacagagatg	gagaatgaat	ttgtcctcat	420
caagaaagat	atgaatgtag	cttc				444

<210> 542
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(759)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 542						
acgggcccga	gtgcccctgc	tggagccggc	ggtgggcacc	tgcggaagct	gattctcccc	60
acaccccgat	gcaagggaaa	cgcccgctg	gaagcctgg	cgctcctgct	gctcttgtag	120
aagcggcccga	gggagcgctg	tgccctcag	gcactgtgg	tcctctcccg	cgcgagctg	180
tccgatgtgt	cactgtctgg	ttcaaagtca	ccgaggcctg	tgccttggct	tctcacgcag	240
caggcagcac	agagatcccg	gctgcaggct	ccaggcagcc	ctgacagcag	tggagaaagg	300
atggggcgga	ggtgaaggca	cccggctgg	gtccccgtca	gctcctccct	gaaccagccc	360

tcaccatg	tc	aagtgtgcc	ctgccctg	gaagccgcag	ccagcgccgg	gccggcccat	420
cttgcgaagc	acagttcagg	aaaaaggccc	aagttccgca	ccttctccaa	ggatctgggc		480
gcagcttcaa	ggccgcccagc	gagggccctc	agcaggggtca	gctctggggc	ctcagccctc		540
cctgtccctc	ctgttcgctc	cccgcgccagc	tccaacgtcg	ccccctggga	aatcttcatg		600
ccctggcaca	cgcacgggtg	cctccgcggg	cttcagtgcc	gggccacacc	cttccgctac		660
gccctggcgt	ggggttcgcc	aagcgacaaa	agccacgtct	ccccgcgggt	gagcacccca		720
gctgaagagg	caccacgcac	tgctgtgagc	tatcagcttg	tgacagtttca	gcgcc		775

<210> 543
 <211> 691
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (120)...(691)
 <223> similar to gi1072250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 543						
egggcttctt	ttcttgaag	tggtgaagg	acagcatata	gctgtatgga	agaaacagta	60
atcggatggc	taccttctac	attttgtatt	aggaaacaaa	gtccattgta	agagtccatg	120
ttgatcttgg	aatagaagg	attgaaaaaa	gctaaatttc	cacaaagaac	aagaacttga	180
ccatctcctt	tttcatctga	agactagggg	acaatggata	tcatagagac	agcaaaactt	240
gaagaacatt	tggaaaatca	acccagtgat	cctacgaaca	cttatgcaag	acccgctgaa	300
cctgttgaag	aagaaaaaca	aaatggcaat	ggtaaaccga	agagcttatc	cagtgggctg	360
cgaaaaggca	ccaaaaagta	cccggactat	atccaaattg	ctatgcccac	tgaatcaagg	420
aacaaatttc	cactagagt	gtggaaaacg	ggcattgcct	tcatatatgc	agttttcaac	480
ctcgtcttga	caaccgtcat	gatcacagtt	gtacatgaga	gggtccctcc	caaggagctt	540
agccctccac	tcccagacaa	gttttttcat	tacattgata	gggagaaatg	ggcattttct	600
gtatcagaaa	taaattgggt	tatattagtt	ggattatgga	tcaccagtg	gctgtttctg	660
agatacaagt	caatgtggga	cgcagattct	g			691

<210> 544
 <211> 670
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(471)
 <223> similar to gi2570933 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 544
 gtcgacccac gcgtccgccc acgcgtccga cggcacctat cgtcaccact ccagtgacaa 60
 caagaggtgg aggaagaaga tcatagagaa gcagccgcag agcccccag cccctgcccc 120
 tcagccgccc cccatcctca aagtcttcaa ccggcctatc ctctttgaca tcgtgtcccc 180
 gggctccact gctgacctgg acgggctgct cccattcttg ctgaccaca agaaacgcct 240
 aactgatgag gagtttcgag agccatctac ggtgaagacc tgcctgcccc aggccttgct 300
 gaacctgagc aatggccgca acgacacat cctgtgctg ctggacatcg cggagcgac 360
 cggcaacatg cgggagttca ttaactcgcc cttccgtgac atctactatc gaggtggggc 420
 cccgggctgg gcaggggtgc cacgggggct gatggagacg ctgtcctttg cttgtctgac 480
 tcctgagact tttgatctgg gcctaagtgc cagcatgtac ccaggacctg acaaatggat 540
 ggatggatgg atggatggat ggatgcatgg atgcatggat agatcgatgg atgaaggaac 600
 ggtaactacc cctccaact ttgtttcgag ttccagaata gaagattcca ctgggtgcgg 660
 tggcttctac 670

<210> 545
 <211> 522
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(478)
 <223> similar to gi1335196 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 545
 atgtctggcc aaataatggt ttttaatata atgattattc ccagaaataa aggttatttc 60
 agaatgataa aggggtcaaa taatcaagag gacaaaactg taaatgtttc tgcattctaat 120
 aacagtgcct caaaatacag gaagcataaa cagacagaat tttaaggaga aagagaacaa 180
 acccataaca atcattgcag acttcaacac tcctttctca gtaatcacta gaacaagcag 240
 acaggaaatc agcaaggata gggaagacct taacacgatc aaccaacttg acctaattat 300
 tattttatgaa acactttacc taaaggcagc agaacacatc tttcctatta caaactgaac 360
 attgacctaa acaaacaatg tttcaggcca tatacaaacc tctacatttt tttttaattc 420
 atcataacga gtatgttccc taaccataat ggaattaaat tagaaaccaa caacaaagat 480
 gtctgggaaa tccctaaacc cagcgtccg cggacgcgtg gg 522

<210> 546
 <211> 1629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(1629)
 <223> similar to gi1017722 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 546
accggggttag agagtttttca gaccttactg cccattttttt attccatagt ggagagaaac      60
cttatgaatg taaagaatgt ggcaaagtct tcaggtacaa gtcttctcta accagtcac      120
atagaattca tactggagag aagccttaca aatgtaacag atgtggcaag gtcttcagtc      180
gcagttcaaa cctgggtatgc catcagaaaa ttcatacagg agaaaagcct tacaaatgta      240
atcaatgtgg caaggtcttt aatcaagcat cataccttac aagacatcaa ataattcata      300
ctggagagag gccttacaga tgtagttaa atgtggcaaagc atttcgaggg tgttcaggcc      360
ttactgcca tcttgcaatc cactactgaaa agaaatctca tgagtgtaaa gaatgtggca      420
agatcttcac tcagaagtct tccctcacca atcaccatag aattcacatt ggagagaaac      480
cttacaaatg caccctgtgc agtaaggctc tcagtcacaa ttctgacctt gcacagcatc      540
agagagttca ttcattgagag tccctacaaa ctgtgtatgg caaaaccatc atcatgagtt      600
ctagcattaa tcaacatcag tgagtccata ctaagtggaa atcatataaa tgaaatgtat      660
gtgacacagg ctttatcaag gcctgccaaa tcaactggaca tcaccacatc actgtggagg      720
atgaaaagcac acagatgaat tgtgtgtact tgggctatta ttcaaggacc attgctatag      780
aacacgatag gatttacaca agaagtaact ctgtctctgg ttctctgata ctaatctatg      840
atattgcatg atgcagaata atgctaagtc aaaatatgtt gaatctcatg acctgatgta      900
tatcaaaggt gcaacggctt gtaaatgacc agttttattc aggtataaaa gcattcaatt      960
atgtggggct tatagaaaag gctactttac tctttgtgac ttcgaaatct tttcatgtgc     1020
cttccataca ggccattcac tgtggtccct gggaaagaat cagtaggatg acagggctga     1080
cttcattagc tgaggattat ttctatccaa tttcctgatg aaggacattg ccttttgaga     1140
ttaaatattg tctgatttag agagcatgga ggtgggcaga gtaacataaa actgatgacc     1200
gtcatcatac tgttgagtt agcacacttt ctctgacat aagtgcacag agcttcagtg     1260
tccaccaact gaccatgaaa tagagtatgc tgtaatctta aggcataagg tattagtggg     1320
aagagagtaa taggttgcta gtgtctgatt atatggtaga aataatgcaa ggaaaaaggt     1380
agccaccttc tccattgaac agcagtacct gctgtttagc aaagactgat gagaagtaga     1440
cttttttttt tttggaaata aagtctaatt ttgttgccca ggctgaaggg aagggggggg     1500
tttttggtta atgtgcccct cgcctcctg ggctaaagca gcctttttgc cttaccctcc     1560
taagaagctg aaactacaaa cgggcccccc cacccccagt taatttttgt ttttttagaa     1620
aagacgggg

```

<210> 547

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(324)

<223> similar to gi2072951 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 547
gtaaataaaa tagagaatag aaacacgata gagaatatca gtgatacctt aagatgggtc      60
tttgtaaagg gcaacaaaat ttacaaacct ttatagctaa attgattaag aaaaaaagaa     120
agactcaaac tattaagatc agaaatggaa gtgggatatt attactgatt ttacagaaac     180

```

caaaaggatt	ataagaatac	tatgaacatt	tgtacaccaa	caagttggat	aacttagatg	240
aaataaacac	atctcttaaa	aaagccaaac	tacaaaaact	gacacaagta	gaaatagaca	300
atttgaatag	acttataagt	gaagaaatta	gatttaaatct	cttgaccag	ttatctgtgg	360
atTTTTtagtc	cccagatagc	ttttatgaat	actgctcact	gcttttcctg	ccctcattcc	420
atgttatgtg	agatagagac	aagcaagtcc	atccttcagg	tatcctccag	ccagcttaga	480
acggacatat	acaataatTT	gcaaataaaa	ctatgttccc	tccagttcca	taaagggaat	540
tgggaactag	gcttctgctg	ctcaagacca	acagtgtctg	tgtacttagg	agcagatgaa	600
aggggtgaata	caaactccaa	aaaacgtttc	tactgttttg	aacatgaatt	ctaggtgaac	660
aggtttcatt	ttctttcatt	actataaaga	tgtcactcca	tagtcttctg	cctttcatag	720
tctaataaga	ag					732

<210> 548

<211> 530

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(531)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(407)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 548

tgtgactgcc	tggcttttga	gtttgtgtga	taacatgtga	gtgtgtccat	ctggctgagg	60
gaatcaaagt	gtccacggcn	atctagcagt	gtgtgacggg	tctgagtgg	gtgaacacgt	120
tgacatttcc	aagtatgtca	gtgtttgtat	gaatgggtct	gtgaatgtgt	gggggttggc	180
ttcccgagc	acagtgggtc	tgtgcgcctc	tgtgagtaca	cgtgtgtgta	ctacatgtgt	240
gtgtccgtgt	ctgtgtctat	gtatgggcag	attaatcata	atttctgttg	gtgaatgtgg	300
gtctgccagt	gggtgcctgag	tgtacatgtg	tctgtggtat	gtgctgtgcc	tgcgtgcctg	360
gatccgagtg	tgcatgtgtc	tatgtgtgtg	tccacacgtg	tatggcagtg	agagagactg	420
accagtggtt	gcctgatgtc	tgtgaaatcc	acgcagctcc	tcgtttaact	ccatcttgcc	480
acttgtttgg	ggteccacacc	actttccttc	gaattccacc	acacggacta		530

<210> 549

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(727)

<223> similar to gi2623162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 549

tggtggaatt	cgattaatac	agaaactgac	atggcgatca	agacaacagg	atcgagaaaa	60
ctgtgctatg	aaaggcaagc	ataaagatga	atgccacaac	tttatcaaag	tatttgttcc	120
aagaaacgat	gagatggttt	ttgtttgtgg	taccaatgca	ttcaatccca	tgtgtagata	180
ctacagggta	agtatathtt	atgtgatatg	cttcttttga	tcaacttttc	tcccttcact	240
gatatgctgt	tagagttgaa	atctttctgc	tttccagtaa	tttgttttat	ctctagtgc	300
atgaaagaat	aaagacagaa	ttcttcaa	ggaattttta	tacaaataaa	atagtattgc	360
cttcaaacgg	gcacgttgaa	tagatatgac	actggctatt	tacttttctt	ttgtagtga	420
gtaccttata	atatgatggg	gaagaaatta	gtggcctggc	aagatgcccc	tttgatgcca	480
gacaaaccaa	tggtgccctc	tttgctgatg	ggaagctgta	ttctgccaca	gtggctgact	540
tcttgccag	cgatgccgtt	atztatcgaa	gcatgggtga	tggatctgcc	cttcgcacaa	600
taaaatatga	ttccaaatgg	ataaaagagc	ccactttctt	tatgccataa	aaatggaact	660
atgtctatht	ttcttttcga	gaaatcgtgg	caacataata	attaggcagg	ctgtggattc	720
ccggtggccc	gatatgaaaa	acaactgggt	ggccccacgg	tctgagaaca	ttgat	775

<210> 550

<211> 1699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (75)...(1570)

<223> similar to gi2920537 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 550

tttttttttt	ttaaataaag	cgttttattga	ttagtagaag	catgaacagt	gtgcataata	60
ttttcaatac	aatatcaggg	agggatgatg	ggaacccctc	aaaaggcact	agaggcgag	120
atcttcggga	caagagggaa	gagatgcgcc	agagaccagg	gctggggcag	ctgggggtcc	180
ctgagtgcc	ggcgccacca	caagtccgtg	gggtcaaggc	ccctcctctg	gggagcaggt	240
ctacggcacg	gaggatgcag	ggctgggagg	ggacccacc	tcggggaccc	aaaaggagtc	300
catttcttgc	cctgcccccc	gcaaagcagc	atggggaggg	ggccctgggg	gttccttggg	360
gtgggggggt	tcccagggcc	tgggcccatt	cctggcttgg	acccttgtcc	caggggaacaa	420
gaagcttgag	gagggacgaa	cagccaggcc	caagagtgat	ttacaaagga	cattccaaag	480
aagggatttg	gttttttcag	aggggggtga	cttggtgact	gagaggcagc	agaggccaaa	540
gcctgacccc	agaccctcag	ggagggcccc	cccaacctgt	acccctcagg	agccccgtcc	600
ggctccccag	gcaaccactg	aggacctcgg	ggtggcctgt	agaagacaga	accagcccc	660
attacacccc	ttgtgcccgc	tccatcccca	accaccagag	ggacagggac	cagagggaga	720
cctgtgggcc	aggcgggcag	gagggaggca	ggctggggcc	gggagaaggg	gatacacagg	780
cccataaaac	ctcaggctcc	ccataacctt	cactcagcca	tctcactcac	tactcactc	840
ccagcatccc	ccaggatggg	ggtcccccct	ttcactcagg	acacttcccc	tccgagacc	900
tgcaggttct	gggcctttct	catttcaccc	caggcctgcc	caccccatga	ggcaccctct	960
aatctcatc	tctccacca	gcacccccag	cctgggtcca	gcctgaagac	cccctccttc	1020

cccttccctc	cagaacagtg	gggaaagcga	ggctcgggtcc	accctaact	gcggaaggag	1080
cagggccagg	agggcagcag	tgctccctct	cccggtcctg	gcccagccag	ctcctgggtg	1140
agtgggcggg	aaccactgg	gtcacacca	gctttcacct	ccctctctcc	aggaaggatg	1200
gcagcaccca	tgaggggatg	gaggccacag	aaggacagga	agggaggggc	tttccagccc	1260
cccagcagt	tccagccctt	ggcacaagca	ggaaaacccc	aaaaccagcc	cctgcatttg	1320
agatcatccc	acagaagaga	aaacagggag	caagaaagt	ttgactgaac	ccaataaagt	1380
gactcaggtg	ggcccgcctc	ctggcgggtc	cacacagccc	tgccccgcct	ccaccacaaa	1440
ggcacagacc	aggggtgccct	ccccagagct	gagcctgcct	gggtccggaa	gggaacggcc	1500
tgtgccatgt	gcagcagtca	gggacccact	ggcctagaac	tcagtctgca	cccctgcact	1560
gtcctcgggt	gtgggtgtgaa	gggcgggggtg	actactgggg	ctggacacct	gctctccagt	1620
ctccagatcg	ataagcttgg	ggggaacaag	gtccacagcc	tttccaggca	ggaggtgggc	1680
agaatttccg	acgctctat					1699

<210> 551

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(772)

<223> similar to gi5689485 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 551

atacaaggct	caattccgaa	ctgttgaagg	aagaagaaag	caacaaaaga	ctggaagctg	60
aaattgaatc	atcagtctag	actgactgct	gctataagta	agcacagtga	aagtgtgaaa	120
acagaaagaa	acgtaaaact	tgcattagag	tgaacacaag	atgtttccgt	acaagtataa	180
atgagttctg	atatttccga	agtagaagat	aagaatgagt	ttcttactga	acaactttct	240
aaaaagcaaa	ttaaattcaa	taccttaaaa	gataagttcc	gtaagaaaag	agatactctc	300
agaaaaaagt	cattggcttt	agaaactctc	caaacgacct	aagccaaaaca	cagcagcaaa	360
taaaggaaat	gaaagagatg	tatgaaaatg	cagaagctaa	agtgaataat	tccactggaa	420
agtggaactg	tgtagaagag	aggatatgtc	acctccaacg	tgaaaatgcg	tggcttgtag	480
agcaactaga	tgacgttcat	cagaaagagg	atcataaaga	gatagtaact	aatatccaaa	540
gaggctttat	tgagagtggg	aagaaagacc	tcgtgctaga	agagaaaagt	aagaagctaa	600
tgaatgaatg	tgatcattta	aaagaaagtc	tctttcagta	tgagagagag	aaaacagaag	660
gagtagtggt	tgtgagacaa	cttcaacaag	aagtggctga	cagcgtaaaa	aaattaacga	720
cgttagagtc	tccactggaa	ggtatatcac	gttgtcatat	taatttggtt	gagacacagg	780
cctcaaa						787

<210> 552

<211> 1438

<212> DNA

<213> Homo sapiens

<220>


```

<221> misc_feature
<222> (1)...(1439)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (204)...(1434)
<223> similar to gi537432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 552
tttttttttt ttgggtgata gaaagtnttt ctttatttga atgtcattcc acctgcactg      60
aagcttaaac ccagcagcag cagaaggggt caggacacaaa ataaatgtta ccaaattaga      120
caatgaacag cgaggacaca ctcagacaaa acttactaat ggggtataga caacaccaag      180
ctatcctaac agcacacagc acaggccctc ggaggcctgc ccatcagagc tctgcggaag      240
gtcccttgtt tccctgttca ggaaactcca gtcccaccca aagggttagct gtggggccagg      300
caggggcctg cagaagtttc tgggtgctggg aagatcccag cttctccaaa gacagggttt      360
ccctttctct ttctcagttc aacttggaag ctggagaaaag gttattcccc gtgtgcccac      420
gcaggatgct caaaaggcca gggactctcc ccacagcctt atctaaaagt tctcatcatc      480
ttgggctatc aggcctgaaa aggatcttga ttctttgggt cctcaccccc ctcaaggaaa      540
gttttccctt ccatgggtac cgttccccaa agacgaaagt tttcatagcc ccggttccca      600
gaaggactca actgaccaga ctgtgggcca gggactgaac caccctagg ctgtggctgc      660
cgtggcctct cctgagtccc cagatcaggc agagaaaagc gggcaatggc agaccctga      720
tcacagttag gggggtcaca gttagggggg gacttctctt gggacctgaa gccggaaggc      780
tctaggttgg ggcccaacaa ggccctcctg gggtcagaaa caggcactga tctcctctgc      840
ttacctcttc ctgaaggcta aagccagatc gccgcagag agcagaggca aaccacaaaag      900
cccccttccc atgatgtctt tattgccccg ggaggggccat cagggcctca cctggggccc      960
ccactggagc acctgccacc tgccccatcc acacctctgc agaaccagg gccccagtct     1020
atggtttggt cccactctg acttctaccc cttgcctgtg tcacctggg gttcccgag      1080
acttcagccc acacaactct gccttcttga ctccaaactc cctggtgcat ctccccctgg      1140
ctctgccaaag atggcagctg gccaggtgcg gtggaatggg aatgttgcca ggctaccca      1200
ccagggaact agcctccctc ctctccaccc ggcgctgacc cactcctaag tcagctggac      1260
ccactacgtc ctctgaagtg gcttcttcca ctccagttct tcccaaaagg atgcggcctt      1320
ggctgcctgt gccccgggcc tccagcctct gaaaggtcag ttctatcccc cgcaccaggg      1380
cacaggtttg gtgggtgtcc ttggggaaca aggtgtggca aggacacctg gtggcagg      1438

```

```

<210> 553
<211> 839
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (65)...(799)
<223> similar to gi2072948 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 553
gtagcacaat acttgatggt agatttaatt acattaaatg ctctttggac aaaatgctcc 60
agttaaaaga caagggtgtgt tttatatgct attaacaaaa aaaaaaaatg aaattaaaaa 120
tacacaattt acaatagact aaaagaaaca taaaatattt acaaatacaa cttaagataa 180
gcaagaccac aatggacaaa aatataaaat cctattggta aaccttaaag aagacccaaa 240
tggaagaga ggtaaaccat gttcatgaat cagaaaactc aatattgtaa agacgtcaat 300
tttcccaaaa ctgattgata gctataataa attcccaaac tatcaagtgc atcattgttg 360
ttggaattga caagctgatt ttaaaactta tatgggagaa aaaccttaca tgaaaataca 420
aagagccaga atagtcaaga cactctcaa gaagaaaaat aagggtgaaa agacttactt 480
tatcagatct caatacataa ttgataataa tgaagacagc ttgatattgg cacaagaaca 540
gacagactaa tggaacagag gaaagaatcc aacaacagat ctacatatgt catatgtgga 600
catatgacag aggtggcatt gcagatgggc gcagaaagt agattacaaa caatgatagg 660
acaggtgtgt aaccctatgg agagaaaaaa atgaaagtga atccttacct cacaccatat 720
gcaaaaaacc aaatctaggt gaattaaagg cctaaatatg aaatttacat ttataaggat 780
ttcagaatat aatctaagag actatcttca cggacgggtg ggtcgaccgg gaaatgaca 839

```

<210> 554

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(373)

<223> similar to gi56589 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 554
attcttttga agatacaacc ctcttagctt aaatcaggaa gaattagata ccccgaacac 60
tccaataaca agtagtgaga ttgaaatggt aatttaaaaa ttaccaacaa agaaatgtcc 120
aggaccagag agattcacag cagaattcta tcagacattc aaagaagaat tggtagcaat 180
cctattgaca caattccaga tagagaaaga gggaaacctc cctaaatcat tctatgaagc 240
cggcatcacc ctaatatcaa gaccagaaaa ggacataacc aaaaaagaaa ctgaagacca 300
atatctctaa tgaacacaga tgccaaaatc cttaacaaaa tactagttat ccaaatccaa 360
cagcatatca aaaagcca 378

```

<210> 555

<211> 520

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(375)

<223> similar to gi2072961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 555
aatgtaaaca cacctgacac aggagcccca gttattaaag taagagttat tcgagcaaca    60
gacagagaca gacaataata ggtggggact ccaacaccca ctttcagcaa cagacacacc    120
ctctaggcag aaaagtaaca gaccagactg actccaagag aagtcaaagg gacctcacag    180
gtaattacag aacatttcac ccaccaactg cagaacgtgc attcttctca tcagctcaca    240
gaacattctc caggatagac cacatttttag gccacaaaac aaatctcaaa agagcattta    300
aaaagtgaat atcatagcaa gtatcttctc agaccaaaaga gaaacattgg aaactctcca    360
ggtacatggg atataaataa tggtaatggg cagtgaataa atcaaaaagg caaaaacatt    420
tcttggaata aaaaggaaac gagagaaaaa aatgcatata gtaggtgttt ttgaagtaaa    480
aaatacagag caataaaatt caaagataca atgaaagaaa                    520

```

```

<210> 556
<211> 716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(659)
<223> similar to gil9927 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 556
cctctgcccc atgggactcg ggccccttgg ctcgctctgg ccagatgcct ccaagggggtc    60
tgtacgtctc cctcgcacct ctggagagcc ctttctcgcc ctgccccagc ccctcttgag    120
gtcctggccg cctggcttct ctgcttctca tcagcaagag ctccctccgt gccagcctc    180
cacagtgcct ttgttagggg gccggaccgg ggcgccacct gggggcaggt ctcagcttcc    240
tctcacgctc ctccggcagt tccccatgca gatggccacg cctgggcccc tcctcctagt    300
ctgtgaatgt ggtctgtccc atggcacagc cttggggtcc cacatgcccc tcagggcctt    360
accaaccccc catgtttaag tgctgcccc ttcggggatg gctcacttgc tgggatcgcc    420
atcctccctt tgttcaggcc ggaccctca aagccacctc tgactccac agcagggagc    480
ctgtcagccc ggtgctctgc cttcagaccc tgagccagcc ctccccaggg cccctgcac    540
ccatctcctc ccaccacagt agtgaccagc agcccggcct gcacctccag tcaactgcca    600
cgaagcagcc cgaggcaggc gcaggaagg agtgggctct gactcctcag cctcctggg    660
aggagggagg cctgacacca cactcagttc taatactcct ggcccggacg cgtggg      716

```

```

<210> 557
<211> 678
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(679)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3)...(678)
 <223> similar to gi56689 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 557
tgctccgtga cctggaagga tcatattatc tccgacagga aagggatggg cttttgtttg      60
gtccatatga aagtcaagag aaaatgaaag ttcaggactc ctgggtcacc aatggagttc      120
ctccagggtt tggaaaggaa ctctttgagt ctgatctaga tcgaatcatg gaacacatca      180
aagctgccat ggaaatgggt cctgtcttga aaaaggctga catcatcaat gttgtcaatg      240
gtcctatcac gtattctcct gacattctgc ctatgggtggg gccccatcag ggggtcagaa      300
actactgggt ggctatagga tttggatatg gcataatcca cgctgggtggg gtagggaaat      360
atctcagtga ctggatcctg catggagAAC ctcccttttga tctgatagaa ttggatccta      420
atcgctatgg caaatggaca acaaccaggt aactgagggc caaagcaaga gaatcatatg      480
gattcaacaa tattgttggg taccctaaag aagaacgggt tgctgggagg ccgactcaac      540
gagtcagtgg gctctatcaa aggcctggagt ctaagtgttc catgggggttc catgctgggt      600
gggagcagcc gcactgggta tcaaaccagg ccaggcacga atcgtgaccg gaatcgtgac      660
ggtgnnnnng acggtttc                                     678
  
```

<210> 558
 <211> 702
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (702)...(27)
 <223> similar to gi3153821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 558
caggaggcag ctccgccaga gacgcgggtc gtgcttcggg aaaccggggg gcggggggag      60
gggaagagcg cagaaaagaa aaccaccaa ggccggggact ggcctgagcg gggaggggag      120
gcgaggccgg agccctctc tgttgggagg actcccatg gccagaggct gagctccact      180
cccgcgggcc gctccctagg ggaaggggaa ggagagggga gagcagccag cggccagggt      240
ccctctgtgc tttttcgctt tcttaagctc ctgtcgtctc tctttgtccc ctcagtttat      300
gtcctcctgt gctcacctcc ctgacctctg tgaccttgca ctcccctggc ctgaagctgc      360
  
```

ctctctgcgc	gctttctact	gggctcgtct	ctttccggag	ccccagcgtc	tcctgcccac	420
attcaccgcg	gaaagggccc	ggggcggagg	tgcgaccggg	cgtcggcagc	gcagacctct	480
tggccttctc	tcacaggtcg	gtgcgctcgc	tctccgcgtt	ccccgcccga	ctgccgtgca	540
gtccatggct	agacgcgccg	gacaggactg	atggcgggac	cgcgctgccc	gagaaagggg	600
cggaccaata	cgtgtgtttg	ctccgcgaac	cctcttgaag	ctgttcagaa	gccgcttgcc	660
gcggggccca	ctaggcgggg	cggnggttgg	gaccagcgg	ga		702

<210> 559

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(1465)

<223> similar to gi3941326 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 559		
caagctgacg	cctcaggaga agctgaaact gaggatgcag aaggcgtga acaggcagag 60	
gccatcaagc	atgccaaggc tcttgaggag gagaaggcca tgtactcggg acgccgtct 120	
cgacgccagc	ggagagagtt tcgggagaag cggctgaggg gtcgcaagat cagcccaccc 180	
agctatgccg	gccgagacag cccacacctat gaccctata agcggtcacc ctcggagtcc 240	
agctcagagt	cccgtcccg ctcccgtcc cgcaccccg gccgcgagga gaagatcacg 300	
ttcatcacca	gttttggggg cagcgatgag gaggcagccg cagccgtgc tgccgcagca 360	
gcacacagg	tcaccacagg gaagcccc gcacctcccc agcctggcgg tcccgcgccg 420	
ggacgtaatg	ccagcgcccc gtcggtaacg ctacgcgcgc ccgcctacg ccccggtcac 480	
catggggggg	acccggagca gaggggggcc ggggtcatg cctgcgtga ccggccctcc 540	
gtgccccgcc	tgcagccgcc gctcctctc ctctcctcc tctcttctg cctcaggagc 600	
ctccagctac	cgctccagct ctgcctccag ctcccgtct cgccgaggtg ggggctaacta 660	
ccgctccggc	cgccacgccc gctcccggtc ccgctcctgg gcccgctccc gctcccgtc 720	
ccggcgctat	tcccgggccc gtagccgcgg ccggcgccac tcaggtgggg gctcccaga 780	
cggacaccgg	tactcccgt cgcccgcgg gcgaggaggt tacgggcccc ggcgagaaa 840	
caggtgtgtg	tggctggggc tggaggtggg aggggtcggg ggggcgggt ctccgatcct 900	
ggggagaagg	tgctcagagg gaggaaacct ggccgtccag ctcagagaac accccatcta 960	
aggggacagg	cacaggccac tgctcttccg caggaagccc ttggttgaa agggcaaggc 1020	
atgggtgttt	gcgtgcgcgt tctggtggca gtggaggtgg atcccagccg ctgttttcca 1080	
cgacaggggt	tggagaggag actgtgcac tctctctct caggagactg tttttgctgt 1140	
caggggttcc	aggtggaggg gtagtagaag cgcattggac ctccagggtt ttctgtagct 1200	
tgaagggacg	ggtccgggccc ttgagggctg ggaaaccct tgccgagggg gaggggcgcg 1260	
ttcctgtgtg	gccaggagcg gatggggaag cgaagcgggt ggaaaaaatc aagacagctc 1320	
tttggcctgg	cgtggtggct cacacctgta atcccagcac tttgggaggg cgaggcaggc 1380	
ggatctcctg	agctcaggag ttcgagacca ccctgggcaa catggtgaaa ccccgctctc 1440	
actgaaaaaa	aaattagctg ggtgt	1465

<210> 560

<211> 1297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1207)...(674)
 <223> similar to gi4050088 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 560

tttttttttt	ttaagggata	gagtctatgt	tgcacagtct	ggtcacaaac	tcctggcctc	60
aagtgatggt	tcctcctcag	cctcctaaag	tattgagatt	acagctgtaa	gccactatgc	120
ctggcctcaa	aattatatta	atgtctatta	gttaacttga	attgtttgtg	cttgtcttgt	180
tgggttttaac	cctacttata	tacaagaatt	caaaagtatt	ttcaagccct	atcatttagt	240
tgtaaaatat	acccaactca	catttataga	ctgccaaacta	acttgaatgt	ttgtacaggc	300
atctctgctg	tgatgccatg	tgtacctaaa	taaaactcac	actctataaa	atcacacact	360
aaattaaatt	aacagggcta	tagaaaaaaa	gagttatagg	cttacctctc	aaaatctata	420
gacttttgtg	actagaaagc	actaaaaaac	agcaataata	tcatataaac	agtattactg	480
ttaaattctct	ctgctagcat	catagtccgt	ggatgctttg	cagccttaag	ccctgggacc	540
tctgctgctt	cctttaagat	gcaggtaact	gattcatttg	cttctcaaag	agatcagatg	600
catcagaatt	aaaaaggtat	ttcaggatgg	gaggaagggg	gtaagagatg	tctctgcagc	660
ttcttcaact	gcactctgat	tcctcagata	gcttactata	atggagtaaa	tatttttgaa	720
gccattaaac	tagccactct	aaaggaagcg	gtttttaaga	ttttcaactt	tggtataagg	780
ttttatattg	ctaaggggtc	tctttgatta	tgagaaaatt	taccctgggt	agcttcaaaa	840
taataccttg	ttgggaaaaa	ctgcattcca	taaatacaca	ctgtagaaca	gattgtacct	900
ttcttggcat	cttgcatctt	tttcatgata	tcctctcttt	ctgcttggtc	agtggctggt	960
gtgacacgga	atgatccttc	tcttgtaaaa	gtggtccgac	tagcatcaaa	agtagcagtc	1020
actccacatt	ccttctcccc	cttctgcttg	cgctctaaac	aggctgcaaa	agcacagcct	1080
actgcatggc	tcaacctttc	accctgtaag	agcagatttt	aaaagctttt	cagaattaca	1140
ctactaacia	ttacatacaa	ataagtcttt	tgttttgttt	tgtttttgag	acagagtctt	1200
actgtttacc	aggctggagt	gcagtggcgc	agtctctgct	cactgcaacc	tcgcctcag	1260
ggctcaaata	cttctcgtgc	ctcagcctcc	tgagtag			1297

<210> 561
 <211> 1328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (234)...(1161)
 <223> similar to gi3873550 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 561

tcctaaagtg	ctgggattac	aggtgtgagc	caccgtgcct	ggcggacata	gtcttttaca	60
------------	------------	------------	------------	------------	------------	----

aatcctgtta	gtaaactgca	catcattcac	aaactcatcc	tttcagcaaa	caactgagcat	120
ctatcctgct	agccacagtg	ccaagcgggt	taccttgatc	caagctatcg	tctatttctt	180
ggaatctcac	tcttcgctta	gatgggttgt	gttgcatctg	ggcaggatga	tctcctacag	240
tatcattcct	cttctttaat	atggagacca	atccttcagt	aggaacaacc	tctgcaatct	300
ctatcctttt	ggcaagatca	tcaagagaaa	gacagctctc	atcagaaggc	agattctcct	360
ggagactata	ggatgcttct	tcaggagaga	gatcttgaag	gagatcggag	tcgtcgtctt	420
ggttatcttc	ataggaaaag	gaatcttcag	tatcttttaa	acatcctttt	aaaaggctgt	480
tcaaatagtc	ttctgtttct	ttgttgagtt	ggtcgtcttt	atctcccttt	tcctctgggg	540
ccatacacac	ctctggaagc	agtatgccta	agtcagatat	ttgattattt	ccacagagca	600
cattctcaga	accgtctgag	tcagcctgcg	cctgtggtga	ttttccatca	ctgtctgtaa	660
gatcaggctg	ctgcagctca	tttaattcat	tggtctcaag	ttggtctgtg	ggcaacgcct	720
cagaagcatc	ccgaagtggc	aaacggagtt	ctttcctctg	agcctgtgaa	tatttaccct	780
cagaaatcaa	tgcaggaggt	atacggtcac	agcctgggtga	aatcaacggc	tctgtctttg	840
acttgctgga	aagaaacacc	ttagggtctt	cagcaatgcc	ctctattctg	gccacatcct	900
ggcaggcctc	agcttgagcc	agctgcaagc	gactgtcatc	ctcacaagca	tcctcagaag	960
agtctggccc	agacgggctc	cctgctgtct	cggaggactg	ggtgtggagc	gctaacgtgg	1020
cttcagcgct	gcagagcagc	tcctccatgt	ggtectttcc	tgcaagtacc	gaaaggcttg	1080
gggaatctgt	ttgcacgtcc	atctgatgac	agcagggact	gctccccagg	ggctccactg	1140
tatgtttgct	ttctttactt	gactctgtgc	cgagacaagt	tttactctct	aaagatgaag	1200
aaaaataaat	tgttaaaaat	tcaaaacaac	actttgtata	ggaaggaaaa	gaaggacat	1260
atgaatatgt	gtaatacagc	aatattctaa	ccctttcaaa	tggaaatctg	tctgttgcac	1320
aatagtgt						1328

<210> 562

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(444)

<223> similar to gi56590 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 562

gcaatgacaa	gatcccactg	tacagctatt	aagatggcca	aaatccagaa	caactgacaac	60
atcaaatgct	gacggagatg	cagagcagca	ggaactctca	ttccctgctc	gtttgaatac	120
aaaatggtac	agtcactctg	gaagacaggt	tggtagtttc	tcagaagact	cctggcatat	180
gatccagcaa	ttgtgctctt	tggtcgttac	gtaaataagt	tgaaaacgct	tatccacaaa	240
aaacctgcgc	acagatgttt	gtagcagctt	tactcataat	ttccaaacct	tgtaagcaac	300
caagatatcc	ttcagtaggt	gagtgcataa	actgtggtgc	attcagacaa	tagaatatgc	360
agtgctaaaa	tgaagtgcgc	tatcgagcca	caaaaacct	accaaagcaa	catggaggaa	420
ccttacatgc	atatgttcta	ccag				444

<210> 563

<211> 2320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2323)

<223> similar to gi4140029 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 563

gcggccgcag	aagctgcggt	tgaagccgtg	ggcgcagatg	tcaggcactg	ccggtgccgt	60
cgtagccgtg	tacagcacct	gtccaccg	gcgcccgtcg	catcgctgca	gcaggcgctc	120
ccggtacagc	tcatactgct	gctgcagcag	cggtgctgac	acgcgctcca	cacgaacgac	180
gcggatgctg	ctgcggggcag	cgtccagggt	gtcgtagaag	gcccgcacca	cctcctggaa	240
ctccccggtg	ttctctgcca	gacgtccag	gttgttccag	ggcccccttca	gcgtctgccc	300
cgccaaggta	gggcctgaag	ctgccaagg	aaaggccaaa	ctctgatccc	aggggcccagc	360
cagaagtgcc	accaagtggc	gggcagcacg	ggcagggtgg	gccccgaagc	cacggaggat	420
ggtgcagtca	ccacgcagg	caacactcac	accatggcac	cgctccaggc	gagcacgcag	480
ctctgcaggc	agtgtgcggc	gccaggggcc	caccgtctcc	tcctggacgt	ggacctccaa	540
ggcagcccctg	agcgcccgt	ccagctcctc	cacatcctgc	tcaaaggccg	agtgcaccac	600
cagctggggc	ttgccatcag	tccccccatc	tgggggctct	tctgcctcca	acgggggctg	660
ctccagcagg	gagaggggta	gggcttgccg	cagggcagca	gcctcctcct	gctcagccac	720
ctgaccttga	ggctccagt	accggtggag	ggccagctgc	agagcggcct	cctcctccag	780
ccacctgggt	gccacagtgc	tggggggccac	aggctcctcc	tcctcatgcc	ctgggggtcac	840
ctcctcctct	ggctgctcct	gaggcccttc	ctcctccagc	tcccaggga	gccagtcctc	900
cccgtctagg	tctaggccct	ccagggtggc	cagcagtctc	cggacctcct	ccagggtcac	960
gtcctcctgg	tcaccactg	tactgtctgg	ggtccacagg	gtgtgggctg	tgccagggag	1020
cactgggagg	gcctcggtag	ggtccacctc	ttcaaggcct	gtgtccaacg	tggctgtggc	1080
caggcgctct	gtcccaaaga	cacactggaa	ctgagcctcc	agccccctga	gaaggtgctg	1140
cccttctggg	cccaggagaa	acctggcgct	gccccgggtgc	tccaggcaca	acacatggca	1200
gctaagtctg	cccagcaggc	tccgcagaaa	ctcctcagcc	gcctggcagg	aagcctgggc	1260
tccacagagc	cgaaagccag	tcataccgg	tccttcaagt	ggcaagagag	cgacgtctcc	1320
caggcccgcg	agaaggtcct	catggtagag	ctgcaggaag	cgcacgccc	ctgggtccat	1380
caatagcacc	atctccacca	ggccctcctg	ccctgccagc	ttcacacatc	ctgggtcac	1440
aggccctgc	ttctccagag	accccatggt	gatctccatg	ggaccaccca	gccccctctg	1500
ctctggtgag	tccatggcaa	tttccaccag	gccctcctgc	cccagcaacc	ccttagaggt	1560
ctccactggg	cctgcagacc	ccacaggccc	caggctcatg	ggccccctcct	gttctctgaa	1620
ccccacaggc	ctcaggett	ccagcccctc	atgttccaga	gaccccatgg	gcacgagct	1680
gacttgctct	gcctgtccca	gagaccccat	gggacctgtc	ctcagagagg	tccttgactg	1740
ccctggttcc	tggccagagc	ctgttgtcat	aatccctcta	ccctgcacca	tgggacctgt	1800
cctcagagag	gccccctgact	gccttggttc	ctcgccagag	cccattgtca	cagtcctctgc	1860
accctgcaga	gccgtcacca	accctccggt	cctcaggaga	gcctgcttgg	tagccctagg	1920
ccctgggtg	gacgggtggt	cccctccact	ggtgttctca	gccagtcctc	cgggctccag	1980
gatgtcgtag	tgggggacaa	ggctcagctc	tgagccctgc	aaccggtgct	cctgctgcaa	2040
cactcgttct	gccacttgcc	actgctggaa	ggaggcaaca	gtgcccagg	gccccggtag	2100
gcgttcagg	tcctccagg	gccccccacc	actgcggcgc	tcattctcca	ggtacaactc	2160
cagcaacagc	aggtccacag	aggcaccatc	ccccaccaca	cgcaccgctc	gggctgggg	2220
aacccggg	agggacacca	aggtcccctc	caggcccaga	ttctgggctc	gctcctccag	2280
gacaccggac	gcgtgggtcg	acaaggaatt	cggggatcgc			2320

<210> 564
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(709)
 <223> similar to gi2739353 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 564

tgcctgcggc	accggccctt	aatggccggg	tcgacccacg	cgcccgagaa	tgtggcaaag	60
cttttaacca	atcctcatat	tttactatac	agaaattcat	actggagaga	aagcctacaa	120
ttgtgaagaa	tgtggcaaag	cttttaacct	tccttaaccc	ttaactgtag	ataagaaaat	180
tcatactgga	aagaaaccct	acaaatgtga	agtctgtggc	aaagctttta	actgattctc	240
aactcttact	acatgtaaga	gtatttatac	tggaaagaaa	ccctacaaat	gtaaaaaacg	300
tggcaatgcc	tttaactggg	cctcacacct	tgctacatat	aagacagttt	atactttgag	360
agaaaccctg	caaagtgtga	taatgtggca	atactttaaa	ccaatcctca	aacctcacta	420
aacataagat	aatactgaaa	actttacaaa	cctgaatgat	gtgacaataa	ttttgacaac	480
acctcgaact	ttctaacata	aatcatactg	gtgaaaaatc	ctagaaatgt	gaaaaatata	540
acaaagcctt	taaatgggtg	tcacacttga	ttgtaggtaa	gaatccatac	tgaagaaaac	600
tcctggaagt	gtaaaaaatg	tggcaacact	tttaataaat	gctcaccctt	tattgcacag	660
gaaagcattt	atacttcaga	aagattgtac	aaatacaagg	aatgtgga		708

<210> 565
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(410)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 565

tttttttttt	gagatggagt	ctcgctctgt	caccaggct	ggagtgcagt	ggcgcgatct	60
cagctcactg	caagctccgc	ctcctgggtt	cacgccatc	tcctgcctca	gcctcccgag	120
tagctgggac	tacaggcacc	cgccaccacg	cctggctaata	tttttgatt	tttagtagag	180
acagggtttc	accatgttag	ccaggatggt	ctcgatctcc	tgacctctg	atccgccagc	240
cgtggcctcc	caaagtgtg	ggactacacg	tgtgagccac	catgcccggc	cttggttttg	300
tttttgccaa	gtttcaccat	gttgcccagg	atatactcaa	actcctgggc	tcaagtgatt	360
tttcagcctc	agcctcctga	gtagctggga	atagaagagc	atgccactgt	gtctggc	417

<210> 566
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (670)...(652)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 566

ttttttactt	tcttgatgaa	gttaattcct	catttaggag	gctcagtgtt	ctgaaaattt	60
gttcttttcg	atgctataat	aaacagaatt	gttttcttaa	tttccatttt	agattgttca	120
gtgttagaag	aaatacaact	gatttttgtg	tattgacttt	gtatcctget	actttgctta	180
attggtttaa	taattctaac	agtttttgtg	tagaatcttt	aggggtgttt	acataataaga	240
tcatatcatt	tgtgaacaag	taattttgct	tcttcctttc	taatttggat	gtcttttatt	300
tctttttcct	gcctaattgc	tttgacaaca	acttcaacta	ttcagctagt	ggtcagtgtg	360
agtacaagtg	gtgaaagcag	acatacttgc	cttcttcctt	atcttagagg	aaaagctttc	420
agtctttcac	cactgagtat	gatgttcact	gtgtgtgttt	tgtatatggg	ttttcttagg	480
ttgacatagt	ttccttctat	tcccatgtgc	acttgagaag	aatgtggggt	ctgttattgt	540
tagagtcttg	tgtctctttg	gtatattgag	tttggtcac	tcctctattt	ccttacttat	600
catatgtctg	gggtggtctgc	ccattatgga	gaatgtggta	ttgaagtctc	cagctattat	660
tgtagaacca	tttctttcct	caattctgtc	tcatttttgc	tacttg		706

<210> 567
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(438)
 <223> similar to gi1174092 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 567

caccatacta	ttaaatttaa	tttgttcagc	aagattgcag	gacataagat	taatatacaa	60
aatcaatttt	gttatatata	cttgtaatga	ataatatgaa	ataaaataga	aacaataatt	120
cgtttttctaa	tagcatgaaa	aagataaaaa	acttaggaat	aagtttaaca	aaagaagtgt	180
aaaacatata	ccttaaaact	ataaaacatc	attgaaagaa	actaaagaag	acctaataaa	240
ctggaaaaac	attccatgtg	catggatcag	aaaacaatat	tttaaaaatg	acagtactct	300
tcaaattgat	ctacagattt	aatgcaatct	ctgtcaaaaa	tctcaaatga	atttttttaa	360
ttgacaagta	gatactaaaa	ctaatatgga	aattcaaggg	accagaata	gccatgacaa	420
tcctgaaaca	gaagcaca					438

<210> 568
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(382)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 568

acaccatgat	caagggattt	atcccaggaa	tgcaagggtt	caacatacaa	aaatcaatca	60
atgtaatatg	ccatgttaat	cgaataaagg	gggaaagcca	caatatcatc	caaattgatg	120
cagaacattt	tttttgacag	attccaacat	tcatgataaa	aatattcaac	atccttggaa	180
cagaaactcc	ctcaactaga	taagggacat	ctatgaaaaa	cccattgctt	aacatcatat	240
ttactgggtga	aagaccaa	ggcttcccc	ctaataacag	gaacaagact	agactgcaat	300
taccaataa	ggtatctgga	ttggaatgga	agaagtaaaa	ctatctctat	tgaaaaatga	360
catatccgga	cgcgtgggtc	ga				382

<210> 569
 <211> 1172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(435)
 <223> similar to gi559707 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 569

aggccgcact	tactgggtgc	actggcacat	gctggagatc	ctggggccctg	aggaagccac	60
tgaggataag	gcttcagcag	ctgtggagaa	gggggcagg	gctactgtgt	tgggcacagg	120
tgagcctaag	aggggacatg	gatagcatgt	ctctgaacag	aggattagt	actgggatga	180
agccacttct	gaccaggagc	agccctagg	gtccagaaat	agacccatt	cctgaggggt	240
gctgatgcc	gccatgctg	tgtctcagc	atttccctcc	tgggactgga	atcctatgga	300
tgggctgtac	cctttgccgt	acctccagcc	cgaacctcag	aagaatgaga	gagtgggata	360
tctgaccag	gctgaatgg	gggagctgct	tttctttatc	aaaaagtgg	acttgtgtga	420
gcagcagcca	attttccaga	atctttggaa	gaacctggat	gagaccctgg	gtgaaaaggc	480
cctaggtgag	atctctgtgt	ccgtggaaat	ggccgagagt	ctgctgcagg	ttctcagtag	540
tcgatttgag	ggcagcactc	tcaatgacct	gctcaactcc	cagatctaca	ccaagtatgg	600

gctgctgtct	aatgaaccaa	gcagctcgtc	tacttcacga	aatcactcct	gtaccccaga	660
tccagaagag	gagtccaagt	cggaggccag	cttctcagag	gaagagactg	agtccctcaa	720
agcaaaggcc	gaggccccta	agacagaggc	cgagcccacc	aagacaagga	ccgagacccc	780
catggcacag	agtgattctc	agctgtttaa	ccagcttctg	gtgactgagg	ggatgaccct	840
gcccactgag	atgaaggagg	cagccagtga	aatggccaga	gccttgcggg	gtcccgggcc	900
tcgcagctcc	ctggatcagc	atgtggcagc	ggtcgtggcc	actgtgcaga	tatccagctt	960
ggacacaaac	ctgcagcttt	cagggctctc	tgccctctct	caggctgtgg	aggagggtcac	1020
tgagcgggac	caccctctgg	tccgtcctga	cagatcgctg	agagagaagc	tagtgaagat	1080
gctggtggag	ctgctgacca	accagggtgg	agagaagatg	gtggtcgtgc	aggccctgcg	1140
cctcctttac	ctgctcatga	ccaagcacga	gt			1172

<210> 570

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(6)

<223> similar to gill196433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 570

tttgttctaa	aatttgaatg	gaagtgc aaa	agacctggag	taatcaaaat	aactaattaa	60
aacaaagtgg	gagggctcac	actgtctgat	ttctagactt	aaaaagctac	ggttgtttaa	120
acagtgtggg	gtcagtgc aa	agatagatat	attaatggaa	cagattgggg	tgcaaaaata	180
gacctacaca	tgtatggaac	attgattttt	gacaaaggca	taaatgcagt	tgtgcagaaa	240
gaaggtagtt	gtttcaacaa	ttgggtcgtg	aactatttag	taggcagaaa	gataggactc	300
agacctcata	ccatatttaa	aaattaactc	aaaatggatc	acatagccaa	atgtaagacc	360
taaaattata	aagttgccag	aagaaaatct	ttgtgacctt	gggttaggca	aataatttt	419

<210> 571

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(352)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 571

tttattgggg	cataacatgt	acacagtatg	tgtatacctt	gataaatttt	tacatgtata	60
tacatatgta	cgtgtatgta	tgtgtgtata	catatgtacg	tgtatgtatg	tgtgtataca	120
tatgtacgtg	tatgtatgtg	tgtatacata	tgtacgtgta	tgtatgtgtg	tgtatacata	180
tgtacgtgta	tgtatgtgtg	tatacatatg	tgcgtgtatg	tgtgtataca	tatgtacgtg	240
tatatgtgtg	tatacatatg	tacgtgtata	tgtgtgtata	catatgtacg	tgtatatgtg	300
tgtgtacata	tgtacgtgta	tgtgtgtgta	tacatatgta	cgtgtgtgt		349

<210> 572

<211> 432

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(362)

<223> similar to gi3044086 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 572

ccctccccag	cctcctcccc	caagcagtac	ccacaggcgg	cccacgtgcc	ttgggctttg	60
ggccaggcca	gccagggtgc	cctggaggat	gtggccggga	tgtccggcaa	gccccgaccg	120
cctccctccc	accgcgtcca	tgggccccac	cccaggcagc	cgccgtcctc	ccccagctct	180
caggaggggc	gtcagggcgg	agggcactgt	gcctctcgcc	agctcctgtg	ggctccagcc	240
ctcggcctgg	tgcagattcc	aggagccgga	ggttctttat	cctgagctga	tgtccagggg	300
gacttgacga	ggaggccccg	cacgggggtcc	tccagggggc	tatccgtgtt	ccccgtctgt	360
ctgtcggaca	ctctggagcc	aggctgctgt	gctgtgacgg	gcagtcagca	gagcagttta	420
gtccctggcc	cc					432

<210> 573

<211> 904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(724)

<223> similar to gil90486 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 573

cagagagaga	ggtgcttgtg	ggattctgct	ggctggagcc	aggaggtaag	tgtgaacagg	60
gaggccaaag	atgaaagtta	tctgaaagag	cccgtacccc	ctataaacac	ggcagaggaa	120
tgtcttaaga	gccaccaaca	gtaattccct	ttccggatgt	taacagggtta	tttgtatctt	180

atgtggcgtc	gtaaagcatt	ctggagtggc	acacaacgtc	atcccccttcc	cgggtggtctg	240
aagaggagga	ggagaccagg	gaggggtcct	tggccagccc	ctggcggcca	aggggtgggt	300
ccttctgctc	tatagaaggc	aggaagcccg	ccagctaacc	gcccgggtca	gggggagcag	360
gcctgatctc	tcccaagcct	gtgaccgagg	tcctgcctga	tgtccaaggg	gcccctgtgc	420
cagtaccccc	acttcccacg	ccccccagcc	ttcctcacct	ccagaatcag	ccgcccagggt	480
gcagcactat	ctccttttctt	tttcttgga	gccgtctcag	gggcctgagt	gacgggcctg	540
accgtccccg	ctaccgcctg	ctgccatgcg	accagatggc	tgacccggcc	cggcttctca	600
gggcccagac	cagcctggcc	tcgtgcccac	ctgcttcgct	cccaacctca	ccaccaggca	660
agggtttcca	gaaaaccgag	acacgcaaac	acccaccacc	acgacaacaa	cacaaaccaa	720
agtgcactgc	gaaccgcctt	ttggcctcct	tcttgtaggt	gccttgaaac	ttcaatgttg	780
agatgaatgt	gattaactac	ttggtcctat	tttctgtttg	tctattttca	tagaaaaatgt	840
ccaagtccac	ttgccttggt	ctttcttgaa	ataaatagaa	agatttaact	ttaaaaaaaaa	900
aaaa						904

<210> 574

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(294)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 574

tttttttttt	ttgggacgga	gtctcgtctt	gtcgcaccag	ccggactgca	gtggcgctat	60
ctcggctcac	tgcaagctcc	gcctcccagg	ttcacgccat	tctcctgcct	cagcctcctg	120
agtagctggg	attacaggcg	cctgccacca	tgcccggcta	actttttgta	tttttagtag	180
agacgggggt	tcaccgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccaccc	240
gccttggcct	cccaaagtgc	tgggattaca	ggtgtgagcc	acctcgccca	gccaactgag	300
gcttaatttc	taatcac					317

<210> 575

<211> 1120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(928)

<223> similar to gi1334643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 575
cacgaggcgg ttgttgccac acaagatggg ctgcaggccg gcccagagct gtacgaagtc      60
tgagcactgg ccctacagcg tgtccggggg ggccagtgtc gcagcagagg gtgcgcccctc      120
ctcagcggtg gcgttggggc ccatgactgc ccctgccccca gtgccattgg ccgccccacc      180
cgcaccactg gctggggggc cggggggtccg gccagtgcag gcaccctggg gcagtagcag      240
ggccaggggc gacaggacat ccacatcctg cagaaccttc tgggcatcca gcaggtcccc      300
cagaagcgcc tgcagcctcc gtgggggtgg cgctgtggc gaggagtccg agccgttggg      360
ggcatccagg cccagctgct gggagacctt ggccacgtcc agctggttcc ggagctcagc      420
agacagccca gagaagcgcc tggcacgcgc agcagcctgc ccactgcaga cagcatcccc      480
gtagccctgc agggctccct tctgactctc aggcacagtg aggatccggc ccagctcccc      540
cgagcccggc gtgcaggtag gctgtccag gagggcagga gccagcagca gtcctccat      600
ccggaacagg ggattgcccc ctaggcggct ccagggtcc tgacccttgt ggaggccaga      660
ctgtgaatcc agggcagatg agggaccaa gagcagggtg tagacctcg gcgggtccac      720
acgggcggcc aagagtgtt gggccgtgct attgggcagc gacaagtttt gcgtcaggaa      780
acgccagagc tctgctgggt ttctggccac cgagtccaga gagaaggaag aactgtgga      840
tctgtccagg tggctccccg aggtgccccg gcccgactg agggcctcca gatgtgtggc      900
tagggcctcg agctctgagc ccaggctggg ccgcgctggg tcaaacaggt tgccttctc      960
caccacgcgg tccaggcgct caagcagctg cgtgaccgtg gaggttggcg actgcaggaa     1020
gccgaactcg tctcgtggc cgtccgggca cagcgattgc atgacaggca ggatgcccggc     1080
agacgtcagg ggcgccgctg tgtagaaggc ttccttcacg                               1120

```

```

<210> 576
<211> 885
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (20)...(688)
<223> similar to gil196433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 576
gcatgtcttc actactgctt tcaacattgt actcgaagtc ctagttagtg cagtaagaca      60
agaaaaggaa ataaagagca tagtgattgg gaagaaagaa ataaaactgt ctttgttcac      120
agatgacatg attgtctatg tagaatatcc aaaaattgac aaaaatgctc ctggaaataa      180
taagcaattt taccagggtg gtaggatata aggttaatac acaaaattca gttacttttc      240
gtgtatatca tcagttagca agtggtattt gaaattaaaa aaaatactat ttgcattagc      300
acccccaaaa gtggaatact tgggtagtaa tctaacaaaa catgcacaag atttatatga      360
gaaaaattgt aaaactttta ttaaagaaat caaagaacta aataaatgga gagagatttt      420
atgtggatag aaatattctg ttttcaagat gtccgttctt ctgaacttcg tctatagatt      480
caatgcagtc ccaatccaaa tcccagtaag ttgttttgtg ggtattgaca aacattttta      540
agtttatatg gagaggcaaa aagaccaga atagccaact caatattgat tgagaacaac      600
aaagtcacag gattgacact acctttcttc aaggcatact ataaagctac agtaatcaag      660
aaagtgtgat attagcaaaa gaacagactt acagcaactg ttcttattag caaaggaaca      720
gtttacagca aaactgtaaa acttagagga taacatggga gaaaatgtag atgaccttct      780
gtttggcgat gacttcttag ttgcaacacc aaaggcatga accatagacg aaataattga      840
taatctttac ttcattaaaa ttaaaaattt tgctttgtga aagac                               885

```

<210> 577
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> similar to gil017427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 577
gaagtgggtcc cagaaaagaa agtaccggtg cctcctgcca aaaagccaga agtcccacct    60
cctaaaggta ggtatcatta cacattgtca gtcggggggc cctggggaaa gactgtatag    120
aagtgtccgc cgatctcaca agttgtattt gcttgggtaa atgtggagtc gatattcccc    180
ctttatagct tctaactaaa agatacta atcttcaaag ttcctgaagc tcctaaagaa    240
gttgtaacttg aaaagaaagt atctgtggct gtgccccaaa aaccggaagc cccacgtgca    300
aaagggtattt attccctctc ctctgctaag aaaaacttat cgtctgtacc cctcacaatc    360
agctgtgata tataccttgc ccattcatac attataacaa tactaatatc tttcaagtgc    420
ctgaagctgc tcaagaaggt gtcccagaaa agaaaattcc caaggcacca atcaaaaaac    480
cagaagcccc cgcaggtaca ggtacatgtc agtcaaaact tatcctgcag aagaaatctc    540
tcttcattc ctgaaaacaa ttttagacca ttcctcttca ttaacctaa tataaaacta    600
ctaatactt tcaagtgtcca gaagttcctc tagaagccac agaaaaagaa atttt      655
  
```

<210> 578
 <211> 2616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (28)...(2616)
 <223> similar to gil334643 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 578
ccgggactgg ggctgggagc gctgcccggg agccccgcac ccacgcctgg accgcggaga    60
cgcccaggcc gaggaacccc cagcccaggg actagacacc accagggccg ggcgagacca    120
gagccagacg cgccggagcg ggcgctctta cgccgctaga tgttcgcat ccagccaggg    180
ctagctgagg ggggccaatt cctgggggac ccacctctg gattatgtca gcccagctc    240
caaccagaca gcaactccaa cttcatggca agtgccaagg atgctaacga gaattggcat    300
gggatgccag gcagagtggg acctatcctg aggaggagct cctctgagtc accctctgac    360
aaccaagcct tccaggcccc tggatcccct gaggaagggg tgcgcagccc cccagagggg    420
  
```


gcagagattc	ccggggctga	gcctgaaaag	atgggtggtg	ctggcacagt	ctgctcccct	480
ctggaggaca	acggctatgc	cagcagttcc	ctgagcattg	acagccgtag	cagcagtcct	540
gagcctgcct	gtgggacccc	gcgaggccct	ggccctcccc	atccccttct	gccctcagtg	600
gcccaggctg	tgcagcactt	acaagtccag	gagcgctaca	aagagcagga	gaaggaaaaa	660
caccacgtgc	acttggtgat	gtaccgtcgc	ctggcactgc	tccagtggat	ccggggcctg	720
cagcatcagt	tgattgacca	gcaggcccga	ctgcaggaga	gcttcgacac	catcctagac	780
aaccggaagg	agcttattcg	ctgtctccag	cagagggcag	caccatccag	gccccaggac	840
caggcctaag	ggtgtgcctc	cacaagtgtg	caaggggtata	tgtatatatt	tgcaggcatg	900
tgtgaggcgc	actagtaagt	acataatttg	ctggcatgat	tgcaggtagg	catgagtgtg	960
tatgtgctaa	catgtaggct	ggtgtgtgta	ggcatgtgtg	aataagcatg	tataaatgag	1020
cttaagtgtg	ctgtgtgcac	atgtgtacac	acagctaatt	tatctgcaga	cctatatgtg	1080
agcatgtaag	agtgaacata	tgtgtgtgtg	tgtagtatgt	aagaatgagg	aactcggtat	1140
gtgcatgtgt	agacaggtag	ccagcagtg	gtgtatatgc	gcatgagtga	ggatgtatag	1200
gcagaagatg	tgtgtgtcta	tgagtgaagt	tgagtgtgca	ggcttgatt	aggtgtatgt	1260
gaggaagccc	ttgtgtgtgc	aggggtgcac	atgtttggcc	acaggcatgg	gaggtgtatg	1320
ttaggagcat	gtgtgtttgt	aggcagactc	atgagcaggt	gtgtgcaa	acatatccag	1380
ctgcactgtg	ggtgtccacc	cacaccttgt	gttctcatg	gcctacccca	gcctttcttc	1440
tccactgggt	cccactgttc	cctggagaca	gagggctagc	atgctgtcat	ttatctgaag	1500
gttgtggctg	acccattctc	ctgggatttc	ccaggccacc	tctcctttcc	ctttccctca	1560
cttaaccag	acttgctcag	ctgaggctat	tgtccctgat	gttggcttta	ctttaggag	1620
gtttagtggc	tgctctggcc	tgccatggaa	ttttggctgc	aattttggca	gtgtgtggag	1680
aactggtatc	aggaaaggga	accaggagta	gtgatgaaga	tgatggggg	gatggggaca	1740
gaggacatag	gggactgtcc	ctcttgaact	ctgcctttgg	gcacatggga	gatggggaca	1800
ggaaagatga	taacagtgga	accctgtgaa	gaataggaga	atgggaattc	taaaatacca	1860
gttcccaaac	aaaccatctc	tccattggaa	aaggagctgt	tgcaaaccgt	gttcatttaa	1920
gcttctgatg	aaaagcaatg	tatgtttata	agcttgcaag	taacagacaa	gatgttccaa	1980
ggccgatgag	gaaaatatcg	cttcctgtgc	tctgectcta	ccttgctgtg	cctctctggc	2040
tttagcagca	ttggatgttg	aattggtttg	gttcatttct	ctgaagtcgg	actgtcagga	2100
ggagccagag	gttggctttc	tgggatgtga	aggggacagt	gtcagcctaa	gcctctggag	2160
atgcttagga	tgctgaattt	taacccttcc	tttctactga	tggcccttca	aacagggatt	2220
ggcaggtccc	gcgagttaca	gagtgggtga	gtccttgaga	gaaccaacga	ctaaggtagc	2280
ttagctctct	gctttgttct	tgggagccaa	gagaatgcaa	gatcctgggtg	ggtgagcagt	2340
ggtatgaaga	ggggcactcg	gtgggtgaac	agtggcatgg	aagtactga	tgcagcctct	2400
ggccctcagt	ctccctatcg	gcaaaggggg	gggctcttcc	tatctctaaa	gagtttctac	2460
cctgacaggt	ggatgggtga	aagatccaaa	gagtgggggt	gaggggtggg	ccctgaagac	2520
tttttgtctg	tagctcttgc	atattgagt	tataaaccgg	gcttctggac	caaccacaaga	2580
tgaataaact	ggggcagaaa	attaccaaaa	aaaaaa			2616

<210> 579
 <211> 1445
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1446)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1389)...(26)
 <223> similar to gi3641655 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 579

tttcgtcagg	cggtgcggc	tgctacggcg	gcgcatgcta	ggggattctg	ccgggtagaa	60
gagctgggcc	tggaacccag	ccctgaggac	atcctgcggc	ccaggggcaa	gtgacacctg	120
ctgagagagg	cccaggatgg	tggaggctga	ggaactggca	cagctgcggc	tgctcaatct	180
ggagctcctg	aggcagctgt	gggtggggca	ggatgctgtg	cggcggtcag	tggccagggc	240
agcctcggag	tcaagcctgg	aatccagcag	cagctacaac	tcagagactc	catcgacccc	300
agagacgtcc	tcaacttcct	tgagcacctc	ctgcccacgg	ggccggtcct	ccgtgtgggg	360
cccaccagat	gcctgtcgag	gggacctccg	tgatgtggcc	agatcggggg	tggcctctct	420
cccacctgcc	aaatgccagc	accaggagtc	cctgggccga	ccgagacccc	actcagcacc	480
ctcgctgggc	acctcaagcc	tgagggaccc	agagccctca	gggaggctgg	gtgatccagg	540
accccaggag	gcacagacc	cgaggtccat	cctggctcaa	cagagcaagc	tgtccaagcc	600
cagggtgacc	ttctctgagg	agtctgcagt	tcctgagagg	agctggcgcc	tcaggccata	660
cctgggctat	gactggattg	cagggctctct	ggacaccagc	tcttccatca	ccagccagcc	720
tgaggccttc	ttctccaagc	tgaggaggtt	tcgggaaacc	aacaaggagg	agtgtatctg	780
cagccatcct	gaaccccgat	tgccaggcct	gcgtgagagc	agtggcagcg	gcgtggagga	840
agaccatgaa	tgcgtgtact	gttaccgtgt	caaccggcgc	ctgttcccgg	tgcctgtgga	900
tcccgggtacc	ccctgccgcc	tgtgcaggac	accgcgagac	cagcagggcc	ctgggaccct	960
ggcgcagcca	gcgcacgtca	gggtgagcat	cccgtgtctg	atcctggagc	ccccgcaccg	1020
gtaccacatc	caccggcgaa	agagctttga	cgcctctgac	acactggccc	tgcccttctg	1080
agcagccacg	tggggctgga	tggtgatgag	ggcggggctg	gctcagactg	gcccagatcc	1140
ccagggaggg	tcacagagcg	agactgggct	cgacaagggg	gagcgcccaa	gtctctggag	1200
cacagcctgg	gcctcttcca	tcacccacac	ctgtacctaa	gggaggtagg	acccccgctc	1260
cacgtacccc	ggtgcttcca	gggtgatctg	cctgcaggct	ggcatgacat	gaatgggtcc	1320
tgttttattgc	gctcttgtgt	actgcaggca	cagtccttag	ggggcttatc	tcatggagcc	1380
cccacagcag	ccaggagtgt	aggcactgct	gtacccccac	cctgcagggtg	gngagaccga	1440
agcag						1445

<210> 580

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (30)...(557)

<223> similar to gi4981020 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 580

caaggccagg	attcccatgg	caggagatac	ccaagggtgtg	gtcgggactg	tctctaagcc	60
ttgtttcaca	gcatatgaaa	tgaaaatcgg	tgcaattact	tttcagggtg	ctactggaga	120
tatagccact	gaacaggtag	atgttattgt	aaactcaaca	gcaaggacat	ttaatcgga	180
atcagggtgtg	tcaagagcta	ttttagaagg	tgctggacaa	gctgtggaaa	gtgaatgtgc	240
tgtactagct	gcacagcctc	acagagattt	tataattaca	ccagggtggat	gcttaaagtg	300
caaaataata	attcatgttc	ctgggggaaa	agatgtcagg	aaaacgggtca	ccagtgttct	360
agaagagtgt	gaacagagga	agtacacatc	ggtttcctt	ccagccattg	gaacaggaaa	420

tgccggaaaa	aaccctatca	cagttgctga	taacataatc	gatgctattg	tagactttctc	480
atcacaaacat	tccaccccat	cattaaaaac	agttaaagtt	gtcatttttc	aacctgagct	540
gctaaatata	ttctacgaca	gcatgaa				567

<210> 581

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (173)...(831)

<223> similar to gi470674 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 581

ctgggtctgt	catacgaca	ccgtcagtac	aaggcttggg	tgggaagggg	attcgtggtc	60
agttgcccct	ggggccacag	gcgcctctcc	ctgatttcct	ctctccccac	ctcaatgttt	120
acaatacgcg	gtactggggg	cttctcactg	ctcactgctg	tatctgagga	tgggaccctc	180
ctctccttcc	tgcagagcc	cctcatcccc	tccccctctg	cacagcaata	ccaatagctc	240
agcagctgca	gccacccaga	cacggtgctt	ccccagtgat	cctgcaatcc	ccatggcagc	300
ccagaggggt	ggcccaggag	gttctctgct	ttcagaggcc	cctgcttccc	ttggctttct	360
gcgtctggct	cctggttggg	ggtgcacagg	ctcaccaccc	ccatggaagg	aaggacctcc	420
ccctccaggt	gtccccctcc	atggcccctg	ctgccctgag	aacctgagca	tgatgaggag	480
ggggaagctg	aaggcgtggg	agcccaggta	gtggagggca	cgctggccaa	tgggcgggag	540
cccaagggcc	accagctccg	ggaccacttg	ccaggggtgct	gagtagttgg	tgaagaggcc	600
gcagtcccag	gaggagtggg	tgctggcgag	agatggccaa	gtggggctgg	catcagggtc	660
ctgggtgaga	aactgcccct	gccagcctct	gggtgcccc	ctcctcttcc	cctcacctgc	720
tgaccacata	gcccaggggc	actgcagcca	gaagcaggcc	caggaggagc	actagctgga	780
agaagaaggt	ggagctggag	gcacggaagg	gccgcgaaga	tgccctggag	ttcttcagga	840
gggtgtactg	ggggcgcaag	caata				865

<210> 582

<211> 628

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(629)

<223> similar to gi4128047 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 582
tgagtgttgg tgcactggac actttttattg ctgcagtata tgagcatgcg gtgatattac 60
caaacagagc agaaacacct gtttcaaaaag aagaagcttt gtccttgatg aacaagaaca 120
tagatgtttt ggagaaaagca gttaagctgg cagcgaagca ggtgacacat atcattgtga 180
ccccagaaga tggaaatctat ggttgatctt tcaccaggga gagcatttac ccctatctag 240
aggatatacc agaccctgga gtgaactgga ttccatgtag agaccctgga agaaatcact 300
aaaatatagt aagtttgagg aaatgtctat tgaattagat tcggcaacac accagtgcaa 360
caaagactca gctgcctggc caaggacaac tctatctatg tcgtgggctaa tattggggac 420
aagaagccat gcaatgctag tgactctcag tgtccccctg atggccgta ccaatacaac 480
actgatgtgg tggttgattc tcagggaaaa ctggtggcac gctaccataa gtacaatctt 540
tttgacacgt aaattcagtt tgatttcccc aaggattcag aacttgtgac ttttgacact 600
ccctttggga agattggcat tattactt 628

```

```

<210> 583
<211> 1060
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(1062)
<223> similar to gi4240130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 583
attatttttc ttttctttta gccatacctt cagagtgtta ttttcctttt tgtcataagg 60
ggtctggaaa tgaagtatgg aaatgaaata atgaataaag acccagtttt cagaatctct 120
ccacggagta gagaaactca tccaatccg gaagagcccg aagaagaaga tgaagatgtt 180
caagctgaaa gagtccaagc agcaaagca ctactgctc caaacttgga ggaggaacca 240
gtcataactg caagctgttt acacaaggaa tattatgaga caaagaaaag ttgcttttca 300
acaagaaaag agaaaatagc catcagaaat gtttcctttt gtgttaaaaa aggtgaagtt 360
ttgggattac taggacacaa tggagctggc aaaagtactt ccattaaaat gataactggg 420
tgcacagtgc caactgcagg agtgggtggg ttacaaggca acagagcatc agtaaggcaa 480
cagcgtgaca acagcctcaa gttcttgggt actgccctca ggagaactca ctgtgtccca 540
aacttacaat gaaagagcat ttggagttgt atgcagccgt gaaaggactg ggcaaagatg 600
ctgctcttag tatttcatga ttgggtggaag ctctcaagct ccaggagcaa cttaaggctc 660
ccgtgaaaac tctatcagag ggaataaaga gaaagctatg cttcgtgctg agcatactgg 720
ggaacccatc agtgggtgct cttagacgagc tgttcaccgg gatggaccct gaggggcagc 780
agcaaatgtg gcagatactt caggctacca ttaaaaacca ggagaggggc gccctcttga 840
ccaccatta catgtcagag gctaagtctc tgtgtgaccg tgtggccatc atgggtgtcag 900
gaacgctaag gtgtattggt tccattcaac agctgaaaag tttggtaaag attatttact 960
agaaataaaa atgaaagaac ctactcaggt ggaagctctc cacacagaga ttttgaagct 1020
tttccacag gctgcttggc aggaaagata ttctctttta 1060

```

```

<210> 584
<211> 606

```

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (106)...(601)
<223> similar to gi170444 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 584
cctatctctc ctctttgggg agaaaaatgt cctgtgatgc ttacttggaa ccctgagctt    60
caacgatggc tcattcttga ctgaaagat ttagcacacc aaacatctcc acctgtcccc    120
cagtcccctg gatttcagga gcaaaccctg catcctgcaa ctccctccag aagtcaccag    180
tttcccacgc accctctctc actactcaag agtccccac cccttccacc atctctcctc    240
agttcacggc tccatggacc cctcaattcc tcaaagaatt tccccatctc tttgcaccaa    300
gactgagaat cccctagaaa caagctggcc ctgccctggg tccccccatc tccaacggca    360
ggtatactca tcccaacata ctctcttcc ggaccagcct cgaccccggg aacttcccgg    420
ccttctccac ttcggaccct acccaacatt ttctggcctc ctgcgccaag tctccccacg    480
tcccaagcag tcattcccaag cttgttccaa aagcctcctc ttccgcacca gctgcttggg    540
caccacggtt actccggccc gcattctcag cccctctgca tgcctcaga cccttcacct    600
gcctcc                                         606

```

```

<210> 585
<211> 921
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(924)
<223> similar to gi2887497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 585
gggctgacaa gagcatctac tttcgcagtg cccagcaggg ttcggatgga ctacactttg    60
tcggtaccca ccacgtagca gagaaaacca ccttgatga catggacatt gacatcacc    120
agaagtacgt ggccgtggcc tgccaggacc gcaatgtgag agtctacaac actgtgaacg    180
ggaggcagga ggcgtgctac aagggtctcc aggggtgacga agggctcctg ctgaagggtc    240
atgtggaccc ctacggcacc ttcctggcca ccagctgctc tgacaaaagc atctcagtga    300
ttgactttta ctcgggcgag tgcattgcca agatgttttg ccattcagaa attattacca    360
gcattgaagt cacctatgac tgcattcact tgatcacagt atctggagac agctgcgtgt    420
tcattctgga cctgggcccg gagatcacca actgcatgaa gcagcacttg ctggagattg    480
accaccggca gcagcagcag tacacaaatg acaagaagcg gagtggccac cccaggcagg    540
atacgtatgt gtccacacct agtgagattc actccctgag ccctggagag caaacagagg    600
atgatctgga ggaagagtgt gagccagaag agatgctgaa gacaccatcc aaagatagct    660
tggtaccaga tcctcgttgc ctgctaacca acggcaagct gccactgtgg gcaaagcggc    720
tgctagggga cgatgatgtg gcagatggct tggccttcca cgccaagcgc agctaccagc    780

```

```

cccacggccg ctgggcagag cgggccggcc aagagcccct caagaccatc ctggatgccc 840
aggacctgga ttgctacttt acccccatga agcccagagag tctggagaac tccattctgg 900
attcactgga gccacagagc c 921

```

```

<210> 586
<211> 893
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (457)...(893)
<223> similar to gi559721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 586
tgtcgactag tgattttccc gggtcgacga tttcgtatga ggacaggaat tctgtcctgc 60
tcaccaccat gtcccctggc caataacagt gaatggtatc tagtaggcct caagaagtat 120
ttgttaaaca aaaatgaaga gatgtggccg gcacggggag agtacaaatc tacataaaac 180
aataaaacga ggaactgaaa aaaggaaaaga aaaccacgct gagatgtaca agctgacagg 240
actcaaagct atcatgccag ctcgagggtc tgggtggacat ttttcagggt ggacagggtgc 300
ttcacaccta tctaagcgca tagagccctt ccaggaagaa gaaaatccac agagagggtgt 360
ccagatagct gtgagcagct cccagaaaag tggacacaat caccacccta acagaaacgt 420
ggcccaggtc gggagaaaaa aacaatacac catacatctc ggcccagatg aaaaattaca 480
cgaatcccca gcacaatcaa accaagccac caccttcagc ctgacacgta agagcagtct 540
cctttagcct ggctgggcag tcgcctgcaà cccagcaaac ccttcccacg cccaacactt 600
ttccctcgca aagaccaccg ccaccgcccg tccgaggggc gagggaaacgg ggggaacagc 660
ctgacgatca gctttctcca ccccgcgccg agcccagtc ccttcaaagc gcaaactgtt 720
cccattctcg cctgtctccg aggcccgga cccctgcccc agccccctct gcgggtccctc 780
actcacgtgt agatgatagc catgaaatgc atcagccaca gcaccaagaa gaggacgaac 840
ccgaagacgg ccattccctc ctgcctcccg tcgaccagg aattccggcc gag 893

```

```

<210> 587
<211> 606
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (240)...(601)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 587
tatacgcatt aggtaccggc ccgtaattcc tgggtcgacg ggaggcagga ggtgtaagag      60
gactgggtcg ggggtgacgga gctgtgctta tggaagagca gagatgctgg aggttttgaa      120
cctcagggtc agtgggtggc tctgtgggtt cactttgtcg tactttctgt ttcacacatt      180
ttcttgtgaa tgtgccaaagt attacataaa aacaaaaagg ctgaccagac ttaacagtgc      240
tccacccaat agcagcagaa cacacgtttc taagtgcaca gggaacattc tccaggacag      300
accacacgtt agtgacaaaa gcaagtctca gtaaattaga gatcggaatc ctgcaaacca      360
ccttctccaa tcacaatgga ataaaaccag aaatccatac cagaaggaaa atgaaaattc      420
acacatacat agaaattgaa cacacttttt aacagccaaa gggtaaagg agaaatcacg      480
agaaaaatta ggaaatagag atggatgaaa acaacatacc agaacttaag gaatgcggca      540
aaaactgctc tgagggaat ttatagctgc aaatgccaac atttaaaaag atgcgacatc      600
ttggct                                           606

```

<210> 588

<211> 1923

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (128)...(1926)

<223> similar to gi5832876 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 588
tttttttttg tgtaacttat ccaagagcct gcaagggggt taatcttttt cctgggaaga      60
gacaatttca ccctgctttc cgaaaatgcc tgctgagccc tgggtggctga gtcctgtctc      120
cctgggagcg gccgggttggc cagggcagcc ccgaccctac ctggatcttc ctgcccagc      180
ctcagtctca agaccccatg acagagcgta gggggaggca gtgtctctga gtctttctc      240
gggggacgtg tgcgggcaca cagatggggg cggggcaggc tctgacccc aggccaaacc      300
aaagccccca cgctgtccat tcacagccat gccttccctc cgaacaaaac agaaagtacg      360
aaacaaggtc tgccttttaa ttgctatcag atattcggat atcccgctctg atgtcagcaa      420
ggcccccgcg ccccgccgga aaccgcacg ataggagcag caccgccgcc tgactgcaca      480
gaagggctgg ggcagggtcg ctgtgcctct cggcctcctt gctgccaccg tcttttagcc      540
tcggggcgcc tgggtgcaccg tctcctcttc gggtcagccc agcctctggc ggccctcgga      600
aggaggggag gcaggggtcg ggggggtgag ccggaggcgg gggccccgtc gcgcacgcac      660
gcagacttgc cctgtgttgg ctctgtttgt tctcctcctt tgctaaagtg atcagatagt      720
cctgtgaagc agctgccagc caggtggaca gggcagcggg gctgggatgc cgcccgtagg      780
ctcctcgga ctcctgaggc cccgccctac ttctgtatct ggaacaggaa gagccgcagg      840
ttgatgttct tggcagccag cagcttgttg cactccacgg agtcaatgat gggcagtggc      900
acgtagtcgg tctcgttggc ctctgttggg aagacaaagt ggtagatgac ggggctgac      960
ctcacgtcgt cgtagggggc cttgagcagc aggaaggagc actccagcgg tgccgtgacc      1020
ttgctcttga ggaggagctg gaaggagagc gtagcgttgc aggacagggt ggggttacgc      1080
tcogactcgt acagtcgagc cttcaggacc cagctctggg tcagactgt gaacctgggc      1140
gtctcatagt acaggcgcgt gatgaagtcg tctgtcgggt acggccggaa ctggacctct      1200
gtgtagccaa tcttctcgaa gctgagcagg ctgaagatgc tgttgtacag ctgcatctcc      1260
ttgcgggtggc tctgggtccat cccatccagg atctccatca gctcactgcc tgtcttggtc      1320
gggtgggcgc acgcagcctc gtgcaccgtc agctcatgga aggggccgtg ccatgggcag      1380
ccgatgcgtt tgtacttgca ctgggttacc ctgtcctggc attcctcttt ctgggtgcctc      1440
tccaggaggg agcggggaaa ctggcgcagg cagaagccac actctgaagg cagctcgctc      1500

```

acggctttct	ccacggccag	gttcggcgag	cagaggctct	tactgatctc	acaacgacaa	1560
ttggggcag	tggcctgctc	ctccttcagc	cgggcatctg	ctagtaggtg	gataaaacag	1620
ccagcgcaca	tcaagtgacc	attagtagac	tggtacacgg	aggccttggg	caggtccagg	1680
cacacggtgc	agcacagcac	cgagtagagc	cgctcctcca	gtttcccgct	gccggccgcc	1740
gccgcccgcg	ccgcccgcctc	ggcccgcctcg	gctgcccgcga	gccgcttctt	ggggcgccgcg	1800
tcgggggtcgc	cggcccgcctc	ctgcagctgt	agctgcccggg	cggcccgccaa	gcccgcctcg	1860
tccgagaagc	cccggccccg	ccgcctcgcc	cagagccgccc	gccgcccgcct	gcccggcgccg	1920
cgc						1923

<210> 589
 <211> 1490
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1491)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(1490)
 <223> similar to gi211041 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 589	
ttttgagggg	gcctccacat tttattaggg atacggcaga agcagaggca ggaagcagag 60
cagccgcatt	ttaaacaaca cataaattaa ccgcagtgcg gggctggggg ctgggggctg 120
ggccaggcgc	ttcaatatat aaaaacaaca acaaaaaaga cggacgaaca gaccccaaag 180
gcatggggca	gaggagggca gcaccatcca gacagcaggg aggaccaggg cagagagaga 240
aggcaacttg	tccccctggc ccccaaaact caccagcacg ggggcctcca ggagggcctc 300
gcgagggctt	cggggcagag gagcagccgg gttgggcaga gatggcacgg ctggtgggca 360
ggaagcccag	caccacaaga tggctcagcc tgaagtaggg actggagggc tgcgacacag 420
tggcctttaa	cccccagtc cttccaggaa gagccttact ctgggtgaga gaagggacca 480
agggcggggt	ctctccctga gctgagcacg gtcattctcat ccgccgaagc agtgggtggt 540
gggggtgtgc	agggaccccc ttttcacctt cttatccacc tgcctccttg gtcccttcag 600
ggaggggtcc	ccgtctccgg gggctgggca tgaagagagc cggctccagtc tgttggtccc 660
agctccagcg	gggcccgtggc gtggcgagc ccctcagccc ntgactccca caagaggaca 720
gcgagtcgta	gagtgagtca ctgagagact ccgaggtctc cagccctggg gggccccgcg 780
tggccactct	gccttctctg gccatgtccg aagtgtctgg ggtgcggcta cccccgaaag 840
gtgggcccctg	gggcgtaggg gacgggcggc tgggtcctcg gcttcgcttc cggctccacg 900
gcagggcctg	ggaaaggagg ggcagctcgg gaggaagctc ctctccacct ttcggcccag 960
cctcagagcg	actgagctct gaggggcgtc tgtgcacctg atggggggct gctccagagg 1020
gggcccgaag	tggggatatac ttcagaggaa ccaggctgga ggtacaactg agaacagtcc 1080
tacaaggttc	tggggaagga cagaaacctt tccccacgag agaagtgcaa ggagggcagt 1140
gtggagggcc	gctcacaggg catcccaggg gtccctctcc cagaggggtgc agcactgaga 1200
ctgtgcgaca	cacaggccgt accttactgg agaaactggg ctccccacat cactccctcc 1260
tgctcccagag	tcctttccct ttctctctgt gcaattctca ccatgggggt cctgggcagc 1320
ccctccagtt	gtcgggggtg gcacatgaga gggctccagg agctgccggc tgccctagta 1380
ttggggaagg	tccagttctt ggccagctgg acaggagggg tggggcctgg gtcttcacag 1440

ggatcatcag gacaggtctc atggccccgg cgccccggg aattacgggg

1490

<210> 590

<211> 374

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(377)

<223> similar to gi1334115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 590

cccaacaaca	gcaaaataaa	atTTTTTtct	caagtgtcca	tggaatattc	agaaagatag	60
accatattct	gggccataaa	taagccttgg	cagatttaaa	agaattgaaa	tcattctgag	120
tatgtatggt	ttctggccat	aatgaaacca	aactacaaat	cagtaataga	gtgacaatag	180
gaaaatatct	aatcatttag	aaattaaaca	tcagacttct	aaataaaagtc	tgagagtgaag	240
aaggggcctc	aaattcaata	gtagaaatgc	atagacttaa	tgaaaaatgag	accataccgt	300
atcaatatat	gtgggaggta	gctaaagcag	tgctgataga	gaaatttatg	gcactaaatg	360
ctgacagtag	acaa					374

<210> 591

<211> 2143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2144)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (23)...(2017)

<223> similar to gi3880563 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 591

gataaccctg	tgtcccttcc	cccagacaga	aaaatgcctc	aacgtcgtga	ctgaggctgc	60
gaccccggtg	ggaatatacc	tcaaggcgag	agtggaggct	ggtggcctga	aggagctgga	120
gatctcctgg	gggctacacc	agatcgtggt	gaggtggggg	gcagtgggtga	tgagagcagg	180
gatggggggg	tgcaggtgct	ggggcggtgat	ggctcctttt	gccccagaa	agccctcagc	240

ttcctggtca	acgactgcag	cctcatccac	aacaatgtct	gcatggccgc	cgtgttcgtg	300
gaccgagctg	gcgagtggaa	gcttgggggc	ctggactaca	tgtattcggc	ccagggcaac	360
ggtgggggac	ctccccgcaa	ggggatcccc	gagcttgagc	agtatgaccc	cccggagttg	420
gctgacagca	gtggcagagt	ggtcagagag	aagcggtcag	cagacatgtg	gcgcttgggc	480
tgcctcattt	gggaagtctt	caatggggcc	ctacctcggg	cagcagccct	acgcaaccct	540
gggaagatcc	ccaaaacgct	ggtgccccat	tactgtgagc	tgggtgggagc	aaaccccaag	600
gtgctgcccc	acccagcccc	cttcctgcag	aactgccggg	cacctggtgg	cttcctgagc	660
aaccgctttg	tagaaaccaa	cctcttcctg	gaggagattc	agatcaaaga	gccagccgag	720
aagcaaaaat	tcttccagga	gctgagcaag	agcctggacg	cattccctga	ggatttctgt	780
cggcacaagg	tgctgcccc	gctgctgacc	gccttcgagt	tcggcaatgc	tggggccgtt	840
gtcctcacgc	ccctcttcaa	ggtgggcaag	ttcctgagcg	ctgaggagta	tcagcagaag	900
atcatccctg	tgggtgtcaa	gatgttctca	tccactgacc	gggccatgcg	catccgcctc	960
ctgcagcaga	tggagcagtt	catccagtac	cttgacgagc	caacagtcaa	caccagatc	1020
ttccccacg	tcgtacatgg	cttcctggac	accaaccctg	ccatccggga	gcagacggtc	1080
aagtccatgc	tgctcctggc	cccaaagctg	aacgaggcca	acctcaatgt	ggagctgatg	1140
aagcactttg	cacgggtaca	ggccaaggat	gaacagggcc	ccatccgctg	caacaccaca	1200
gtctgcctgg	gcaaaatcgg	ctcctacctc	agtgtctagc	ccagacacag	ggtccttacc	1260
tctgccttca	gccgagccac	tagggacccg	tttgaccgt	cccgggttgc	gggtgtcctg	1320
ggctttgctg	ccaccacaa	cctctactca	atgaacgact	gtgccagaa	gacctgtcct	1380
gtgctctgcg	gtctcactgt	agatcctgag	aaatccgtgc	gagaccaggc	cttcaaggcc	1440
attcgagct	tcctgtccaa	attggagtct	gtgtcggagg	acccgaccca	gctggaggaa	1500
gtggagaagg	atgtccatgc	agcctccagc	cctggcatgg	gaggagccgc	agctagctgg	1560
gcaggctggg	ccgtgaccgg	ggtctcctca	ctcacctcca	agctgatccg	ttcgcaccca	1620
accactgccc	caacagaaac	caacattccc	caaagaccca	cgcctgaagg	agttcctgcc	1680
ccagccccca	cccctgttcc	tgccaccctt	acaacctcag	gccactggga	gacgcaggag	1740
gaggacaagg	acacagcaga	ggacagcagc	actgctgaca	gatgggacga	cgaagactgg	1800
ggcagccctg	agcaggaggc	cgagtctgtg	ctggcccagc	aggacgactg	gagcaccggg	1860
ggccaagtga	gccgtgctag	tcaggtcagc	aactccgacc	acaaatcctc	caaatcccc	1920
gagtccgact	ggagcagctg	ggaagctgag	ggctcctggg	aacagggtctg	gcaggagcca	1980
agctcccagg	agccacctcc	tgacgggtaca	cggctggcca	gcgagtataa	ctgggtgggc	2040
ccagagtcca	gcgacaaggg	cgacccttcc	gctacctgt	ctgcacgtcc	cagcaccag	2100
ccgaggccag	actcttnggg	gtgaggacaa	ctgggagggc	ctt		2143

<210> 592

<211> 950

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(951)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (950)...(16)

<223> similar to gi600118 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 592

gactctat	ttt	tccgggtcga	cgatttcg	tc	ggcacagcag	ggcagataat	gccaccgggt	60
ttggggag	ca	gtggttctcc	aacttttag	gg	atagaaacca	gaagtttagg	agctcagcaa	120
agaccgtg	ta	agcctcgatc	aggagggacc	tccagccgga	agagagagtg	cctgcagggg		180
cctgacgg	ga	cctgggggga	aggaagtga	g	aaactgctct	gccttcctga	ggggcagcca	240
cagctcct	gc	tggcccgctc	cagcgcctct	g	cgacaacct	caggtgcggg	caagacagac	300
ggagggag	ag	aagggaggaa	ggaaaaacg	g	atgcaggagg	atcctagaca	cggaggagac	360
agaaccca	ca	agagggggcg	gcggtggcgt	g	ggacggcgcc	gcgagggcat	cccagcacac	420
aggacggg	tg	gagggctagt	gacagcggaa	ctctgccctt	cgacccggcc	gggtcaccgc		480
tgaggaca	ga	ccctagagcg	gcacttcggg	ggtcagtgag	gtcaacacaa	ccgccacaaa		540
gacaccac	ga	tcactgtcgc	tgccactttc	cctcttg	cgg	tctcaggagg	gcacagggag	600
gcctttgg	ag	gctgcgtcac	cagggacggc	tccgccatgt	tgacagctaa	aagagggggc		660
gcgcttgt	ct	tcttgtgctc	tgaatttctc	agctttcaat	ttatttggnn	nnnnnnnnnn		720
ngaaacaa	ag	cctcgttttg	tttcccaggc	tgaaaggcag	gggaacaatt	tggtttaatt		780
gaggccta	ac	cttttagggc	taagnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnggtgggaa		840
ctacggca	ag	gccccccat	gcccggtaaa	ttttattttt	ttgaaaaaac	ggggttttgt		900
tactggccc		agcttggttt	aaaatttcca	accttcggga	atcttccgct			950

<210> 593

<211> 575

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(506)

<223> similar to gi3876763 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 593

attccccgg	gt	cgacgatttc	gtgtgaagt	g	gaattgatgg	ccaggatggc	aaaaaccatt	60
gacagcttc	a	ctcagaatca	gacaaggctg	gtggtcatca	tcgatggatt	agatgcctgt		120
gagcaggac	a	aagtccttca	gatgctggac	actgtccgag	ttctgttttc	aaaaggccccg		180
ttcattgcc	a	tttttgcaag	tgatccacat	attatcataa	aggcaattaa	ccagaacctc		240
aatagtgtg	c	cttcgggatt	caaataataa	tggccatgac	tacatgcgca	acatagtcca		300
cttgccctg	t	ttccttaata	gtcgtggact	aagcaatgca	agaaaatttc	tcgtaacttc		360
agcaacaa	a	ggagacgttc	catgctcaga	tactacaggg	atacaggaag	atgctgacag		420
aagagtttc	a	cagaacagcc	ttggggagat	gacaaaactt	ggtagcaaga	cagccctcaa		480
tagacgggt	a	agatgccatt	ggcttcgagc	tgtatgtttg	tattgtctatt	caatttaata		540
caaataaag	a	tgatgccact	taaataaaaa	aaaaa				575

<210> 594

<211> 1904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1524)...(1145)
 <223> similar to gi5002510 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 594
tttttttttt ttaaagctta ttagctcatt tatcttggaa acagtagtta aactgaataa      60
aaaccaaggg gcaatataac tgctactggg tgagtcatac agtgatgtgt agtttggaaa      120
agaagacgaa tgatagatat tgagccccct taggaaatgt tgccagtatt tgaatttggc      180
tttcatagtt atctcttgca cacgaagtag agtaccatgg ctgataacaa gaggtcaaatt      240
gtacaagttg ctctaatatg gcctcaatga ggcaccagct tcaaaaaccg cttgctgata      300
attcaggtat tcatggaggg tcaagacttc aaagtcattg acttcaagta ccagtagagc      360
atctgggtgt gcttaaggga gtctgtcagt gtagggtgca tagaattgtt ctctggctat      420
atcccattct aggaatcact ggatatccat ctggagtgga gggctgttaa tctagggttca      480
cttgacacca tcttcagcaa atgatcattc ctggggtcaa agacatgcct gtcttcttgc      540
acttttctaa gttcacacac agtatttcta agaattgtca gcatctactg aacatgaact      600
gtgctgagtg gaggtacaga aaagattgga atgccattca ggtcaaacat attgctgtct      660
ggggcagtggt ttttcaaact gtgttcggaa gagttcaagg tgttgtaagg aagtcacctt      720
aggtgtcacc acggtggtta aggaagatag ttgtagcagg attcaggccc ctactcttgc      780
ttcactactt catccagagc agcttcactt ttactctggg cttctgcaca gttttcactc      840
aaagggtctc atggccacaa agcctttgga aaaccaatga tctaagaata agtcggtcac      900
aaaatgcata gaggttctac cttgatgtat caagagaagc cttttctgga atctggtgca      960
gccttggtgag atgctgttag gtaaggggac tccttggttag aatttcttac atttgtgtaa     1020
aaagttctgg ttcctgagta attccaaaga agatgctatg aggagtacac tgtgcctttg     1080
at ttgatccc aatgggtcag aatatgtttt ctcatcagt aggcactac aggatttgaa     1140
gtagaaaaaa caggggtccag tgaccttcat gggatcctag atgttcatga atttcaatca     1200
tttgagattg tgggggtgtgg tccaatgctg ctctcaaaaa gatgttgctt ttcttcagag     1260
agcattaata actaaaaaat cccctgggtc aaatttattg tgtgtctctg aaggctttaa     1320
ctgaagaaat gaaatgcaca ctcatggaac aaactaggcc tttgttgtga taaaacagct     1380
ttagctattt ggcttgagga ctctgacttc actataaagg gctgtgctga atctgggtag     1440
aacaagacag gagtggaggt aaaggccaca tcatgatggc tgaatgcctc ctgggtcaca     1500
gtgggtccact ggaatgggtg tcttcgtcag tagtaagggt gtaggaatca tctcgggcaa     1560
aaatccaggt accaggtctg taggctgatg gaatagcaca gggaaggtag tcagaaggtc     1620
caggtgaaca ctcagcaatc aggaggcaca ggatgagtggt ttattctgat agcctgctct     1680
ctaaactcct ccttcctaataaatgcattc tgatattgtt tgggtgtatgt gggcaaagat     1740
gactaaacaa aggacctgct tttcaaggag tctgctatca gacccgggag ggggggaggg     1800
cgcgccaggg cttcttcgat ttaggggctt gactccccgg cgacgagaca agatggctcc     1860
tccggtccgc accgcagcta ccgtcccggc tgcgtcgcac gaaa                        1904

```

<210> 595
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = a,t,c or g
 <220>

<221> misc_feature
 <222> (2)...(316)
 <223> similar to gi3309124 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 595
 tttcgtggag gcttatcgga tttacacccc ttttgatccg gcagctctag aaaatagctg 60
 tgctcttaat tgagcatttg tggctcaggc agccccggat attaaaaaga aactccaaaa 120
 actagaaaaga tttactagaa taaatatctg tcagctttta gaaatagccc aaaaagcttt 180
 tgacaatcac aagggttaaaa aaacaaaaaac aagcaacaca ggcagctgaa aaggccgctg 240
 ataaagcatt caaaagacaa acaaaaatct tagtggcggc tatccaagaa gtacagaatg 300
 aaatagcccg ttaatttagc attaaactgaa gccctgctt tagccctccc taatatctcc 360
 ataaaagcca aggagttgct aaagacgtgt ttactcagac tctaagacct tanagacgcc 420
 c 421

<210> 596
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(414)
 <223> similar to gil469243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 596
 tcttcttattc aaagatcatt aaaatttagg cctaagggga ccctgcctca aggaaattcc 60
 caaagaatca aaagaccag aagtcttagt ttgggaaaaa tatgtggctg atactgtggt 120
 ggtattacaa aacaataaat ttggaactat tatagactgg gccctcaaa accaattata 180
 ttatggttgt atgggccaga ctactcatg ttcacagacc ccatctgtct ggccactaa 240
 tccggcctat gatagtgatt taactgaaag gctagaccag gtttatagaa ggctagaatc 300
 accctatcca tggaaatggg gtgaaaagg gatttcacaa cctcaaccaa agttagttag 360
 tcctgtaact gctccaaaac atccagcatt atgaaagctt actgtggcca cgata 415

<210> 597
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(832)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(711)

<223> similar to gi2224587 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 597

caccgagagc	ctccccgtgc	ccatggctcc	tgtcacagg	cagctcagtc	ccgaggagcc	60
tccctggctc	agcggcttca	caatgggaat	gcctctcctc	cgagggagcc	catccctcca	120
cctgcaccgg	aacccccatg	gcactgagga	gaccgggggtg	actgcgagga	ccggggagac	180
gtgggggaca	ggggagacaa	gcagcagggc	atggcacggg	gtcggggggcc	tcaatggaaa	240
cgaggcgccc	gagggggcaa	cttggtgact	ggcacacagc	gtttcaagga	ggccctgcag	300
gaccccttca	ccctgtgcct	tgccaatgtg	cctggccagc	cagacctccg	ccatattgtc	360
attgacggca	gcaacgtggc	catggtgcat	ggcctccagc	actacttctc	cagccggggc	420
attgccattg	ctgtgcagta	cttctgggac	cgtggtcacc	gtgacataac	tgtctttgtg	480
cctcagtggc	gcttcagtaa	ggatgcaaaa	gtcagagggtg	agttgggcct	ggtcttcagt	540
gtcccaggat	aggctctgtt	tccactttga	ggagaaccct	attatgttct	ttttcaatag	600
agagtcactt	cctgcaaaaag	ctgtattccc	tcagcctgct	ctccctcaca	ccctcacgag	660
tcattggatg	caagaggatc	tcctcctatg	atgacaggta	cttgctcctc	tcctggcccc	720
aggcttgata	ttgaaggagc	cctatggaag	actgagggag	agagaanagc	tcctgggtggt	780
ttacgctggt	tctaagcctt	ggtggtgggt	aaggggccag	ttattcctct	g	831

<210> 598

<211> 823

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (196)...(821)

<223> similar to gi609543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 598

tgtaggcag	caacagtgt	gatgctggac	tgtggcaggc	agagggtgt	atcctgacac	60
acttcacctt	agtgcaggaa	acttcaattt	ggtggaagaa	aggcgatttc	gaggttccaa	120
tctgggcgac	acttcccagt	tggagagtca	gcaaaaggga	gagggcaatt	ccaagaagag	180
ggaaaagcct	gtgcacagt	tacctccttt	attcctgaag	cccgggcagt	gcttgacctg	240
gtcgaccagt	gccccaaaaca	gatccagaaa	ggaaaagttcc	aggttggttc	catcgaagga	300
ctggatgccca	cgggtaaaaac	cacggtgacc	cagtcagtgg	cagattcact	taaggctgtc	360
cctcttaaag	tcaccaccct	cttgcatgtg	ccagtggagg	aagatctttg	atgatgaacc	420
aactatcatt	agaagagctt	tttactcttt	gggcaattat	attgtggcct	ccgaaatagc	480
taaagaatct	gccaaatctc	ctgtgattgt	agacagggtac	tggcacagca	cggccacctc	540
tgccatagcc	actgaggtga	gtgggggtct	ccagcacctg	ccccagccc	atcacctgt	600
gtaccagtgg	ccagaggacc	tgctcaaacc	tgaccttacc	ctgctgtca	ctgtgagtcc	660

tgaggagagg	ttgcagaggg	tgcagggccg	gggcatggag	aagaccaggg	aagaagcaga	720
acttgaggcc	aacagtgtgt	ttcgtcaaaa	ggtagaaatg	tcctaccagc	ggatggagaa	780
tcctggctgc	catgtggttg	atgccagccc	ctccagagaa	aag		823

<210> 599
 <211> 473
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(381)
 <223> similar to gi1196432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 599						
caatggagta	aaattgtgaa	ttaattccaa	aaggatcctt	caaaagtaaa	caaatacatg	60
gaaattaaat	aatctgctcc	tgaatgatct	ttcagttaac	aaagatatca	agatggaaat	120
taaaaaatta	tttgaactga	acaataatag	tgacacaacc	tatcaaaacc	tctgggatat	180
agcaaaagca	gtgctaagag	gaaagtatac	agcattaaat	gtgtacacca	aaaagtctga	240
aagagcaca	acagacaaca	taaggtcaca	cctcaaggnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	naaatgaaag	360
tgaatcaaac	aaacaaaaaa	cgcaaaaagt	aagtgaaaca	aagagctggt	tcttgaaaag	420
ataaataaaa	ctgatagacc	atgaacgaaa	tcgtcgaaag	gggaattacg	aag	473

<210> 600
 <211> 895
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (516)...(893)
 <223> similar to gi2801471 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 600						
cttgaggagg	tctttccttc	tacacggcct	aaccaggacc	caaattcctc	aagtagaaag	60

ggagcttttag	acgatttctca	ccggtatctc	ctcgcaagta	ttaaaagagc	ctctcagaaa	120
cccatcaact	tgtctaagac	gaccgacgtt	gtccaaaagc	ccgataagtc	accaagaacg	180
tttttagagcg	cctccaggag	gcttatcgga	tttacacccc	tttttatcgg	atttacaccc	240
cttttgaccc	ggcagctccc	gaaaatagcc	ttgctcttaa	tttagcattt	gtggctcagg	300
cagcccagga	tattaaaaag	aaactccaaa	aactaaaaag	attttctaga	ataaatatca	360
gtcagctttt	agaaatagcc	caaaaagttt	ttgataatca	aaagcttaaa	aaacaaaagc	420
aacacaggca	actggaaagg	cagctgataa	agcattcaga	agacaaacaa	aaatcctagt	480
ggcagctatc	caagaagtac	agaatgaagt	agcccgttaa	tttagcatta	actgaagccc	540
ctgcttttagc	cctccctaata	atctgcataa	aagccaagga	gttgctaaag	acgtgcttac	600
tcagactcta	agaccctaaa	gctgcccagt	ggcctattta	tctaagatgc	tagatcctgt	660
ggcctgtaga	tggccaagtt	gtctgcgagc	cgtagcagct	acagcaagcc	tggcccaaga	720
agatgataag	ttactcttaa	gccaaaattt	aacccttaca	gctcctcatg	ccgtaaaagac	780
cttacta caa	aatgcttcgg	caa a tagatg	tcaa a tgctc	gc a tcttgca	gtatca aaa t	840
ttactgttag	atcagcctcg	tttgactttc	tctccacaaa	agtgtttcaa	tctag	895

<210> 601

<211> 535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(536)

<223> similar to gi2695659 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 601

gcattgactt	gactttgtca	gtgtttcttc	cgggtggaga	acctgctgca	catgccttca	60
ttctggaaca	tcagatgaaa	caccaactct	ttctttacct	tggaacaggt	gttcagatct	120
atgaccggac	atctgttctt	catgtaatgg	tcaaaaaagg	tcaagttact	ggagtggaga	180
ccgataaagg	acagattgaa	tgccagtatt	ttgtcaactg	tgctggccag	ctattgtgga	240
tgctgatgga	agaattttata	ttcggaactg	gcagggtggc	atcctgtctg	ggggctttga	300
gaagaaccca	aaaccaattt	tcaactgagg	caagaaccag	ctggagattc	agaatctaca	360
ggggactggg	atcactttga	gcctctgttg	agttcccttc	tgaggaggat	gccagaatta	420
gagactctgg	agatcatgaa	gttggtgaac	tgcccagaga	ccttcgcctc	agacatgagg	480
tgcatcatgg	gcgagtctcc	tgca gt tag	ggctactttg	tcctggcagg	aatga	535

<210> 602

<211> 456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (456)...()

<223> similar to gi804811 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 602
gctccggaat ttccgggtcg acgatttcgt gactgattga tttttgacaa agatgtgaag 60
gctattcaat gtgaaaagga tgggtcttttc aacaaatggg attgaaacaa ttgaatgtcc 120
atatgcacaa atgaactttg accataagct cacatcttgt acaaaaatta actcaaaatt 180
ataatctaaa tgtaaaatgt gaaaccataa aacttagagg aaacatgaag gaatctttat 240
gtcctggagt taggcaaaaa aatcttagat aataatttaa aaacatccat aagaagaaaa 300
attgatgaat aggacttaat caaaatttta aacttttgct ttgagaaaaa cactgttaag 360
agaatggaaa agcaatccac aggttgggag aaaatattta caaatcacac ctgacaaaaga 420
actggtatatt agagtatatg aagagctttc aaaaga 456
```

```
<210> 603
<211> 2379
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2359)...(0)
<223> similar to gi577299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 603
ttaattcccc ggtcgacgat ttcgtcgcgg agtattccag gcgcctgcaa ctaaactgtg 60
ccgggtctgc aagctagggt ccagcgggga aagtttccct gcttcttctc gtctgcttta 120
acgccttaaa tagcccgctg aaggctgcag cagggtgctag gtagcagcct cccggccctc 180
gggaaaggcg ggggtggggag gcgagagcag cttagcctcc tcgacctccc ttctgtgtga 240
cggacgaaca gttcccgtag aatttcgctt caccgagtga ccttgagccc agggcgacgg 300
tcagcttggt aattcctggc tgcaggaact ttgtgagaat tttaatgcat ggaaaagctg 360
tccatgttcc aactgctgta catccaaaag tctcagtgtg atagcaggac caaaatattc 420
tgtcaatcag ctgaccatat acttaatgac tcctaaaatc tcgtggactt ctaagaaagc 480
gccatggcct gtgctgctgt tatgattcct gggttgttgc ggtgctctgt tggagccatc 540
cgtattgagg ctgcgtcact gagattgaca ctcagcactt tgcgccacct tactctaacc 600
agcataatga aatccaaaag gaaaactgat cacatggaga gaactgcaag tgtccttcga 660
cgggagacta tagaaagcta atctaccacc tgaaggggtg tcaagggctg agaaataaag 720
gatectcacc ctttacctca attgtgtcag cagctaagggt gtgtggagct gccagtgagt 780
caccgtcagt gaagagcctc cgcttgcttg ttgctgatca agacttttcc tttaaagctg 840
gccagtgggt tgatttcttt attccaggag tctctgtggt tgggtgggtt tcaatatgct 900
ccagtccag actgctagaa caagagagag tgatagaatt ggcagtgaaa tatacgaacc 960
accctcctgc cctctgggtt cacaatacgt gtacacttga ctgtgaagtg gctgtgagag 1020
tgggtggaga gttcttcttt gaccctcagc ctgcggatgc ctctagaaac ctctgttga 1080
ttgcaggagg agtcggaatt aaccctctgc tttccatcct gcggcacgca gcagatctcc 1140
tcagagagca ggcaaacaaa agaaatggat atgagatagg aacaataaaa ctattctaca 1200
gtgcaaaaaa taccagcgaa ctctgtttta agaaaaatat ccttgattta gtaaataaat 1260
ttcttgagaa gattgcatgc agtttgcag ttacaaaaca gactacacaa atcaatgcgg 1320
aactcaagcc atacatcacg gaaggaagaa taacggagaa ggagataaga gatcatattt 1380
```

caaaaagagac	tttgttctat	atttgtggcc	cacctccaat	gacagacttt	ttctccaagc	1440
aactggaaaa	caaccatgta	cccaaagaac	acattttgctt	tgagaagtgg	tggtaggagg	1500
cagacaaaagg	cagaaaaaat	aaagagtggg	aattcctggc	aggctgaagc	ctccagaaga	1560
gcctctctcc	tccatccttc	tggccggccc	agcaggacga	tggcagacaa	ggccctccag	1620
ccccctcagc	tgtcccgttt	tagcagcctg	agatgtgatt	cgggttgcca	ggggctcagg	1680
tgttccttgg	gctctgcgag	cccttggaag	ctggagcagg	ctgccccctc	aaatgctgca	1740
gaaaatccac	tgaagatgaa	gccctgctga	ggaaaaccta	ggaaggccat	caaagtctct	1800
taccttcgat	tccttcttct	tgattttctg	aggtagacac	ggtctctgaa	gaaagacaat	1860
ctgcttggtg	gatacactcc	cctcgctggt	agtcttgacg	acgggagttg	gtagcacaca	1920
ggtgagctgc	cagccatagg	ccgccagcga	gttcagcagg	ggcacgtagt	ctgtctgcac	1980
ttcgacacct	tccaggactg	tccattgttc	agccacaata	gcatcatagc	cctgtatggt	2040
tttgctatct	tctgtggaaa	cagcttcaaa	gatgaatact	ccatctgtca	agccatgtaa	2100
ggaatcattc	actattccaa	ggtagaagac	tgcgttcacc	agcatgcctc	ctttccggaa	2160
gtggtcgctc	atgtgctcta	accagttggc	gtccaagccg	ctcactgtct	ggccattctt	2220
ggagacatgg	agaggaatgg	tgacagggtg	gtattgccgg	cacttctgat	ggctcttcgg	2280
tttgttgaaa	agggtgaaga	tctccatttt	ccctgagagt	ggctcttcat	gcgcctccaa	2340
ggggaagctc	tccggcccac	gcgtccgcgg	acgcgtggg			2379

<210> 604

<211> 725

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2)...(725)

<223> similar to gi5817102 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 604

agagaaagct	tattgttgta	atcagtgtgg	tagggctttc	cagggcagct	cagacctcat	60
cggacatcag	gtaactcata	caggagagaa	accatattgaa	tgtaaagaat	gtgggaaaac	120
tttcaatcag	agctcagacc	ttctgagaca	tcatagaatt	cacagtggag	aaaaacctta	180
tgtatgcaac	aaatgtggga	aatcttttag	gggcagctca	gatcttatta	gacaccatcg	240
tgttcatact	ggagagaaaac	cctatgaatg	ccctgaatgt	tggaaggcct	tcagtcagaa	300
ctcacacctt	gtcagtcatc	aaagaattca	taccagagag	aaaccctttg	aatgtagcaa	360
ctgtggtaag	gccttcagtg	gggtggacag	cttttcttaa	gcaccagaaa	cttcacattg	420
gaaaggaatt	tgaagactgt	aagagtctac	aaacaggacc	tattctaata	ggtagcagaa	480
acctaataaa	tgcagtaaaa	ctaggaaaag	tctgatggag	accacatctt	attgcactac	540
aaatgagttt	tattagaaaa	aaaccatggg	aagggtgggaa	agcagagaaa	atacctactg	600
gatttttcaa	acgtaagtat	aatcaagtgg	aaaagccaaa	agctcttgga	cataatcacc	660
nnnnnnnnnn	ctgtctcaaa	actgacacta	gaatatggtc	ccaacgatac	aattttttta	720
attat						725

<210> 605
 <211> 980
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(981)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4)...(964)
 <223> similar to gil118097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 605

gtgggtctcc	ttgaaagtag	gcttcctccc	cagtgtggtt	aaccccttgg	tccactatca	60
gtgctggtcc	aggtgcctag	ggccagaacc	ctggctctgc	gtggtctggg	ttattattcc	120
ccatcggccca	gtcctggaag	tggtcgtgtg	tcaggggggt	ccgatecctg	cctcagnccc	180
cgggtgaggg	gtcaagatcg	cccgccttga	gtttggcccg	gatcttggtt	ctgtgtgcct	240
ctggagcagt	ttgtccctca	ggagagggat	cctcacagcg	gcctcttggg	accatgagga	300
gaattaatag	gatgacccca	aggtagctac	cgtagccctg	tgcaggccca	accgtgtgtc	360
tccaccgccca	gttccttccc	gtctgtgtgc	ccaccaactg	tcacatcacc	agcctttatt	420
ttctttttct	tagaccaga	caacgagtgc	cccactggcc	tcggcagccc	cttctctaac	480
ttgtcctcaa	atcagttcct	cacggacagc	cctgaccagc	cattggcatg	acccaaaacc	540
caccaaatag	aacccaactt	tcctattaag	ctgtgcagag	cagtcccagc	cccacttccc	600
acaggctgac	ctcattcgcc	atgggatccg	tggttctcac	ctggggctgg	gggtgcccct	660
ggcatctggt	ggggagtgtc	agggatgccc	ttccaggtec	aggatagtcc	cccagctggt	720
ggccgacaga	cagcagcaca	cagcctgatg	tcctgtggc	ttccggttcc	ccgaggccag	780
ctgtgctttg	ctgcctcttc	atcttctcag	acgggtgccc	tctctccacc	ttcgtgtggt	840
agcaatgttc	atccattaga	gctcaaaagc	actgcctgct	ggcagcacag	ccccttctcc	900
tggccctccg	tccgcctgtg	ccccacggtc	tgtgccgtgt	ccccgccttc	cgctgtgccc	960
gcattggtctg	tgccaagaaa					980

<210> 606
 <211> 1496
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (689)...(1498)
 <223> similar to gil1054873 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 606
gcatgtatgc acatTTTTTaa tgtctgattc ctctacattt cttaaactgt aaaataataa 60
gaacatgcag ccagatagca tcgcgattac caacttcttt atataatgac acgtaccatt 120
ccactcaatg tgcctctcag tttgaattta taaaatatat gctactcaaa tgaaaggcac 180
ttatgcctgc tcttagtaga ggaagcgcta gctaattgcc taacgcccc atagcatatg 240
gcctatactg acttgagaag gaaagaacgt tcatttgctg tggccaataa ggatccccctc 300
tccccacctt cccttttctg catcaaaatc tacacagaca aaagtcagat gttgtaatat 360
gcattttatc gtgtcactta agtactaaga ggtgctttta aagtttttat taatgctgct 420
caaaacttgac cccgacgggc caggatacag gccaaagggt cagtgcggac acaatcgcaa 480
ggcggctgtt aggcttcagg gctgggcagg aaacttgcca ggtgctacta ggaacgtatc 540
agccctttct acaaagcagg tgtctttccc atcataaaat gcaaagcaat cagccgttcc 600
ctttctcccc agccccctcg tccggagacc gagaggatat ttaccctggg ctcttgcaat 660
tctcttataa ctgaaccag cggcggctcc ttctccgagc tcagagccag caggctcagg 720
cccagccaca ctttacaggc aaattgccga gctgaccaag ggctttggcc aagcccagc 780
tgggcccggg cgctccggga gcggaaggag ccagtctagg aaatccgggt gtgcgtggtg 840
gtgaagctg tgggcaagct tccacttcag gtccggggct ttgtgtccc caacagacgc 900
ttggcgccgc tcctcttcca gcctgctgc gccttctccg agcgagttag ttggcgaaac 960
tcaactcacct gtcggaaccc ggtgcctggc ggccagacgc gcagattaca gcaaaccctg 1020
gccgggacgc cccagccagg gaggcaagtg tgggagctgc tcctagaggt gccagctccc 1080
acccccagct ccgcgcccc tgcctgctcc ctttcaactc caggcgctt cgggcttggg 1140
gtgcccagaa gggcaagtcc aagcagacgc cagggtgca ggttcaagat gctccgcctc 1200
ctcctgccac ttagagccac aaacgctagc gggaaccttt ccactcagtc ttagtctgcg 1260
gtcactgctg aggtttttag aactttccag gcaaaggcca gccaggtcct ttgcctccaa 1320
cccactccgc gcctacctcc cgcctgggga cccccctagg ccaggagat cctactctcc 1380
cccagacacc gacgttccaa ctgctctgcg ccccgactg ctgtccggct cctgtgccaa 1440
ggggcgcgcg catcttccc gggccagacg aaatggtcga tccgggaatt ccggac 1496

```

<210> 607

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (135)...(696)

<223> similar to gi2911259 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 607
ccgatttcgt gctggagggg gcctaggatt ccagaagcct ggggaggcac accctaggct 60
cggggaagga gagagggtgga gaggggctag cactcctcac cgtgattatc tttctgccc 120
atattgtgcy tgcggatgag agaggagagt ctcctcacat ccccttgaa gacgcactcg 180
tgcaccgggt agtgtgcggg gcaactgcct ccatccgca cgacagcaac ggggttggtg 240
ccggccagaa gggccgggga ctgggagttg gcagtcacgg aggaattgtg cagcggcaga 300
gccggggcgc cggggggatt ggaggaggcc ggagctgcct tcagctgtag ccggtggtga 360
tggttactga agatcttatg acaagctttg ccgcccttgc caatcctgct tctggtaaag 420
gtaccgccga gggcagccgc cgcttctca tccccgggct ccagcaggtc cccttcttct 480
ttgctgggct tgtggctcct ccgcagttag cggatcttct ccccggtcat cgcgcgcgc 540

```

aggggcaagg	gggggaatcg	ggaggctcac	cgctggcgac	ggagctggcg	ctgcggcggc	600
acaaggcgat	tagagcgggtg	gccaagagcc	tccagcgag	catgaactcc	cactgagccc	660
ccgagcctgg	gacaaacgca	tctcccgggg	aagagccggc	tctcgcctag	gcacgaaggg	720
acgcgcgctc	gctgggggaa	gctagaactc	aggtgcccac	gacaccagga	tctcagtctc	780
gccgtcgag	ccgccgtcgc	tgctttacac	cgaaaaaca			819

<210> 608
 <211> 1149
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (450)...(1051)
 <223> similar to gi4469185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 608	
agaggactct	agggcgttttc ccactcttga aggcactgag ctgggaacac cacctctggc 60
caccagctgt	ggactgcaga gaggcctacg gtgaccagga aggggtggagc tgcccaaggt 120
catacagcaa	gcccggccctg cacaagctga tcccatggct gcccagcett ggggaatggg 180
ggactttctg	catgtccccg agctggcctc atctggggccc tcagaaaaac gggaggttct 240
gagcccagtc	cgcgaggcgg gggcgaggc ggcccagatac ctccacctac tctcgggtacc 300
cgcgttttctc	cagtggacgc cctcttcac ataggggtca ggcggagcgg gtcggggacc 360
gaaagtgcgt	tcggggcggg cgccagtctc cgcccagcc ccgggcccgc atccaggcgc 420
cgccgctccg	gcccagcccc ggcccggccc ctatgatgaa gagggcgctc actggagttc 480
ttgctgtcga	catctttgac aagttcaact tcacgggagc cagagtccca tggttcgacg 540
ccattcatga	agcattcccc agggagctgg agtcctccat ctcttccca gccaaacttct 600
tcaaaccacc	tgaagaaaaa gaaggcccc tggttaaggcc agccagccgg aggaccaccc 660
cgcagaccac	acgcccaggg cctggcaccg agagggaggc cccgatcagc aggtgaaagc 720
gacaccctga	tgacactggc tagttcacct tcaactctggc catcgtttac tgtaccccg 780
ggcagctccc	gcctgagccc tatgacccca accgcgcag cctctggctg cctcactggc 840
ccatcattaa	tacgtcgatg gtgagcgac tgggtgtacag cgaggggggt ccacttccga 900
gacccctgga	gaggcccgtc ctgggtggagt tcaccctgct ggagatggag aagcgaacca 960
agcctgtctg	tgtgttcttg aaccattccc tggcgtaa atgtgatgccg gagttctgca 1020
tcttcatgtg	agggccttgc caagacacag agaaccgcga gggttgttg ctcaccggca 1080
gatcgtccca	cggggacagt ctcttgtggg ctgtgactcc cccttcagcc ccctgtgggg 1140
cagtgaggg	
	1149

<210> 609
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (21)...(370)

<223> similar to gi2981264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 609

```
cccggggtcga cgatttcgtg gagccagagg cagccagagg ccctggagcc ccagggcctg      60
ggggcgagtc tgtgagtggg gagacccact gggccctgca ggaagtcacg gagaagctgg      120
cccatgccag gactcacctc cgccttctcc atgacttgaa aatgccacct gagggcaggt      180
cgctgccgag atgtgactgc aatatttttg ctccagagca gctttatgga ccaactggag      240
gagaaggcag acctgagtga gctggtgaag aaaaaagaac tttgcttcat ccaccactgg      300
cgagatagat gccatcagtg agtgggaggc cagggcacgg cagggggagc tgcaggaccg      360
tcggaggggc cccagcgtct gagccctgtc ctcccgcagg aaaatccatc accttttatc      420
agaaccaggg ggccgtgcc aagg                                     444
```

<210> 610

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(483)

<223> similar to gi310089 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 610

```
gggccgcagc ctcagctccc tgctctgcgg cttcatccac aaggcggcgt caggcgttcc      60
tcagcaacca gatgcgggat gccagggac tggatgaacag caaggcgggc agcgtgctgg      120
ccagtgcgct agcgtggccg aggccgtggt ggtcctatgt cccatggaga ccatcaaggt      180
gaagttaatc catggccaga cctctccaaa tccaagtaca ggggattctt ccacagggtt      240
aggagattgt gcgggaacac cgggacttac cggggcccca caggccccgt gctgaagcag      300
ggctggaacc aggcaacttg tttctttgtc ctgacatccc tgcgcagctg gtaccgagcg      360
gacagcccca acaaactcat gaaccgctg gtcgctgggg tcttcggagc cattgtggga      420
gcggccagtg tcttcggaaa tgctcctctg cacgagatcg agccccagat gcgggacctt      480
cctcaagcta tccgcaccac cctctcttcc atttcatgcg aaacgaaatc gtcgacgcgg      540
gaattccgaa g                                     551
```

<210> 611

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (16)...(410)
 <223> similar to gi287865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 611

tttcgtccgc	caggggtccc	agtaggtgag	gtgcagagcc	tcctcagct	cctcttttcc	60
tccatccaag	gggtgtccaa	tgacacatct	tcgctggaga	cagagcgagg	gtttgaggag	120
ttgcccctgt	gcagctgcct	catggaggca	cccaagattg	accgcatcag	cgagagggcg	180
gcgcacaagt	gcatggccac	tgagagtgtg	gacggagagg	aggggccgtg	ggctggtggg	240
agaggtgcca	gggcgtccag	tcccggcccc	cagcctgacg	ctctcttctc	acccatcctc	300
actgcgcaca	gctgtcaggc	tgcaatgccg	ccatcctcaa	gcgggagacc	atgaggtcat	360
ccagccgtgt	ggccctgatg	gtgctctgtg	agaccacccg	cgcccg		407

<210> 612
 <211> 1276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (453)...(1239)
 <223> similar to gi470674 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 612

ttttattttt	gtataatggt	ttattttaata	cagtatacat	tatctttcat	atactttggt	60
acaatgttaa	aaaaacttca	tttttcataa	tataggaaat	aaagttggaa	acaactctgg	120
tgggaatact	tcagatagag	caagaaagca	ttcacagcaa	ggcctataat	cagtaagatg	180
tgtgaaaagt	tgggtagcca	caggaggtgt	tcattaagga	tatgattcca	tttatatagc	240
tattttctatt	gcataaccag	gacagtttta	ttgttttgag	gtcaatgttc	ttttaaaatt	300
tgattttctg	taagaagagg	ctttttggcc	cagaaagcct	tacttatttt	acatcttcca	360
gtttgtccat	cccatgagtt	agagttcgtc	ttgactctgc	aaagcttgat	ggaatggaag	420
tgggtgcctct	ggggtcccag	acacgggaga	gaggaagcag	cccaggggct	gggagaagtg	480
gtgagaccca	gaagaacggt	ggacccagtc	aggaagggtc	ctgccagcag	ggcggtggcc	540
agcctcgggg	tcttccccaa	aaggcaggta	ggggcctcca	gcaagcttcc	cacctccgtg	600
aggctggaga	agaggccccc	tggatgagaa	ggaagaggcc	ggcaggtccg	gcgggcgag	660
gcacaggtag	acttctggtg	ggaaaagcgt	gactcagcct	cctccagcgg	ctgcaggacg	720
tcccccgct	agaaagggcc	gggctccctt	tgctgaccca	gagtcaaccc	agcgattcct	780
cccgggggagg	cggggggccc	cggccccggc	ccagagcgca	tgcttatgcc	gggagctggg	840
cgaggacagg	gcacagccac	agctgggtgc	ccaacgggaa	aggcgccgt	tccccctcaa	900
gctgcacctg	aaggggtccc	cagggtcgag	gccacttctc	cttcggctca	gggttgacct	960
tcagtacca	ctgtggcctg	cgggcacccc	ctgggaggga	cggaggggga	tggaggaaaa	1020
ctccaaaggg	aaaggccgaa	tctgcaggg	tctggctcgtc	ggaaagccaa	ccatacagtc	1080
agccctccct	ctcctcgggc	tgccgtcgcc	atccgggtcc	acacgggctc	taagacaaaa	1140
ccccaattgc	ccccaaggcc	ccataggagg	ggcgctgcca	gaatcgccca	tttttagtga	1200
aagagaaccg	ggccgggaga	cagcggcagg	gggcccggagc	attcccagaga	cgacatcgtc	1260

<210> 613
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (20)...(446)
 <223> similar to gi608681 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 613

agcaaagcca	cctatgacat	gtcagcacia	cctggacatc	gagtgtccca	tgtacaccaa	60
cctcagtcgt	ctgggcagat	cgtgtcctcc	atcacggcct	ccctgtgatt	cgatggggcc	120
ctgaatgtgt	acttgacaga	attccaaacc	aacttggtgc	catacccca	catcaacctc	180
cccctggcca	cctacgcct	ggcatctca	gccaagaagg	cctaccatga	gcagctgtcc	240
gtggccaaga	tcgccagtgc	ccgcttcgag	ccagccaatc	agatgggtcaa	gtgtgaccct	300
caccatggca	agtacatggc	ctgctgcatg	ttgtacagag	gggatgtggt	cctgaaagat	360
gtcagtgcgg	ctgtcgccac	catcaagagc	aagcacacca	accagtttgt	ggactggtgt	420
ccgattggat	ttaaggtagg	actgggtgat	g			451

<210> 614
 <211> 482
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(482)
 <223> similar to gi4753153 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 614

gattcatagt	gcagtgtggt	ggaattcgat	tgcgcgaaacc	atgctccgaa	tgagtgagat	60
taccacttcc	tctagtgtc	ccttcaccca	gccattgtct	tccaatgagg	tgagtttcat	120
gttcttgcac	taactttctg	acagattctt	gggtgttata	aacgtttatt	atacacagat	180
cctgagtttg	ggttgaggtc	tgagccttga	aagagaagg	catttgatgt	ggagcaggga	240
ttatcttcaa	gtgatgagca	ctgaaatggt	tggtctctta	ggatccagct	tttaaaaatc	300
tacactattc	acttagtcaa	agtatctatt	cgtcaagtac	agcctattcc	taattatttt	360
aagaatccac	aatttggact	ctgagagcct	tggcattcag	gacattattt	gacccctgt	420
acttaaaata	tcgatattta	atatatccaa	tatgtgttat	ttatattact	ttcatagtaa	480

<210> 615
 <211> 425
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(425)
 <223> similar to gi553653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 615
 tccagtgtgg tggaattcac ccgcctccgc ccggcgctcg ggcggaacc cggcgcatc 60
 cgcacgtgcg ggcgctgctg caggtgtgtg cggctcagcc cctgcctgga cagcgctccc 120
 tccccaagcc tgagagtccc tgcctcgcg gccccagggc ccgaggtccc gctccccaat 180
 ttcccctaga gatccgggtc gcccaccaagc gaggtctctt gctccacgcc cgcttccttg 240
 tgccagggac ccccacctcc ctgcataaag gcgtgggggtc ctctccaagt cccctcgcg 300
 atcccactgg acttcgaagt caggctcctg cccgccacc gcctctgtgc caggggtccaa 360
 ccccgcccc acggtgcacc cccagggcc tggggtccca gtccccaagt accccttgct 420
 ataag 425

<210> 616
 <211> 1083
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1084)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (131)...(1051)
 <223> similar to gi3242649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 616
 tctcggtcta cttatatttatt ggagacctgg atgcagagac aacgaggcgg ggagtgggct 60
 ggggcgacca gcagtgagt caataaagga caccactctc ccggccttgt gactttgacc 120
 atgtgtccag ccagccacac ctggagctcc ctatgggcca gtgccatcct gggttcccct 180

gcaaatcccc	gccccagcaa	gcagccactg	caatgtccca	gttaggctgt	ccattcccca	240
actttattca	caaattctgg	gtctgtagaa	agctgggggt	cagcaggctg	ggggcggtg	300
tccagactcc	cctggcccca	tgccctcagg	gagggagcgg	cagatcacgg	agatgcgccg	360
gccccgggga	atccggcggt	ccccaaagaa	ggactcttca	tcccgaagga	tctcatggga	420
gaagtcataa	cgggctgagc	ccctaaggat	gtagaggag	cccggctcca	gcaagagttc	480
cgagccactc	ccccggctcc	tgggggtgtg	accagaccgc	ataaccgctg	ggagacagga	540
gagacaggcc	cggcgattgg	tggcccccgc	agaacttgat	gctgtccacg	tggggcttga	600
tgtagccgcg	ggcttccagg	tccagcacgt	gcacggagga	gagcagggtc	tggccggggc	660
caaaggcggc	cgctgcacg	cgctgcagga	tggcccggct	ggcttctgac	cagcgcgact	720
tctctgtctc	tcggaagccg	tggatggcgg	cgccccagtg	atcgtattcg	tagcggcggc	780
ggcgagctc	gggctccagt	tctcggtcca	gcgtctcttc	ctctgccgtg	ctcaggaagc	840
caggccgcac	cacggcccg	tctgcaggc	ggctcagcac	ggaaggggcc	gagcctcgca	900
cccagctggg	ccctggcagc	gtccgcagcg	ccagcagccc	agtcccggcc	ataatccccg	960
agcgggggtc	tgagagaggg	cagggttggg	ggaacgcccc	cgccaaaagc	cattgggggt	1020
acctgcggca	cggattgact	tcctcagag	tcccgctct	cgctccaaca	tcangactcg	1080
tgc						1083

<210> 617

<211> 1750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1746)

<223> similar to gi2950347 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 617

ggcagagcac	cactgacgta	ctccctgtta	gttttcagtc	ataggtaggg	gcacctggga	60
ggccatcagc	tcggaagcc	ctgtgagatc	cccagatttc	gccgttctgg	acctggagaa	120
aaagaagtcg	tatgtcttca	gagagcgatc	tatgaaccac	catggcctga	gcgatccctc	180
ggagcccagc	gaacccatcg	ccttgcgggg	cccgccagct	accctccctc	ctccagctca	240
agttcaagct	ttcagagaca	cacagacctc	tgtctccctg	acatgggatc	ctgtgaaaga	300
cccagagctc	ctgggttatt	acatctactc	ccggaaggtg	gggacatctg	agtggcaaac	360
agttaacaac	aaacccatcc	aaggcaccag	gtttacagtt	cccgggctga	ggacggggaa	420
ggagtacgag	ttttgtgtca	ggtcagtcag	cgaggctggg	gtaggcgaga	gctcagccgc	480
caccgagccc	atcagggtca	agcaggctct	ggctaccccg	tctgccccat	atggctttgc	540
cctcctgaac	tgcgggaaga	atgaaatggt	cattgggtgg	aaacccccca	agcgtcgtgg	600
aggtggcaag	atcctgggct	acttcctgga	ccagcatgac	tcggaagagc	tggactggca	660
tgcggtcaat	cagcagccca	tccccacccg	ggtctgcaag	gtcagtgacc	ttcatgaagg	720
ccacttctat	gagttccgtg	cccgggctgc	caactgggca	ggtgttggcg	agctgtcggc	780
acccagcagc	ctgtttgagt	gcaaagagtg	gacaatgccc	cagccaggcc	ccccgtacga	840
tgtacgggca	tccgaggtgc	gggccacatc	cctggtgctg	cagtgggaac	ccccctgta	900
tatgggggct	gggcctgtca	caggctatca	cgtcagtttc	caggaggaag	gctctgagca	960
gtggaagccg	gtcacctcag	gccccatctc	tggcaccac	ctgagggttt	ccgacttgca	1020
gccaggaaag	agttacgtgt	tccaggtaca	ggccatgaat	tcagctggtc	tggggcaacc	1080
gtccatgccc	actgatcccc	tgcctctgga	ggacaagcca	ggtgcccctg	agatcgaggt	1140
tgggtgtggat	gaagagggct	ttatctattt	ggcttttgaa	gcccctgaag	cccccgactc	1200
ctcagagttt	cagtgggtcca	aagactacaa	gggccactg	gacccccaga	gggtcaagat	1260

cgaggataaa	gttaacaagt	ccaaggtcat	cctgaaagaa	cccggcctcg	aggatttggg	1320
cacctactca	gtcatagtc	ctgatgccga	tgaagacatc	tccgcaagcc	acacgctaac	1380
cgaggaagag	ctggagaagc	tgaagaagct	gagtcatgag	atcagaaacc	cagtgatcaa	1440
actgatctcc	ggctggaaca	ttgacatcct	ggagcgaggg	gaggtgcggc	tttggctgga	1500
agtagaaaag	ttatctccag	ccgctgagct	acatctaata	ttcaacaaca	aggagatctt	1560
cagctcgccg	aaccgcaaaa	tcaattttga	ccgagagaag	ggcctggtgg	aagtgatcat	1620
ccagaacttg	tctgaggagg	acaaaggggc	gtacaccgct	caactccaag	atggaaaagc	1680
caaaaaccag	attaccttga	cactggtgga	tgacgatttt	gacaagcttc	tgaggaaggc	1740
agatgctaaa						1750

<210> 618

<211> 503

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(480)

<223> similar to gi2723316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 618

ctacacataa	gataattaat	gctggaggga	aatcccaccc	atgtggcaaa	gcttttaatc	60
aatcctcaaa	ccttactaaa	cataagataa	ctcactactg	agaaaaatct	tagaaatgtg	120
aaggatgtgg	taaagccgtt	atccagtcct	caactccac	taaacataac	ataattcata	180
ctggagagaa	acctcacaac	tgtgaagaat	gtggcaaagc	ttttaaccag	tcctacaaac	240
ctttttgaac	aaaataattc	atacaggaga	gaaacactac	aaatgtgagg	aatgtgacaa	300
agcctttaac	cagtcctcaa	ttcttaccac	acataagaaa	attcatattg	gagattaacc	360
ttatgagtgt	gaaaaatatg	gcaaaggcct	tgactagttc	tcagttatta	ttattatttt	420
tggagatgga	gtttcactct	tggtgccaa	gctgcaatac	tgaggcatga	tttcagctca	480
ctgcaacctc	cgtctcccag	gtt				503

<210> 619

<211> 1452

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (342)...(1383)

<223> similar to gi1203941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 619
tgggaagaaa attatttcag agcttggata tttctgaaag actaaaatth ttgcttactt 60
tggattgtgt agatgacact ttaatagttc tggctgaaga gcatgggtgt ttggacatta 120
taaaggagct tcctgaaact gtgatagatc ttttgaataa gtgccttacc ttccatcctt 180
ctaagaggcc aaccccagat gaattaatga aggacaaagt attcagttag gtatcacctt 240
tatatacccc ctttaccaaa cctgdcagtc tgttttcatc ttctctgaga tgtgctgatt 300
taactctgcc tgaggatata agtcagttgt gtaaagatat aaataatgat tacctggcag 360
aaagatctat tgaagaagtg tattaccttt ggtgtttggc tggaggtgac ttggagaaaag 420
agcttgtcaa caaggaaatc attcgatcca aaccacatat ctgcacactc cccaattttc 480
tctttgagga tggtgaaagc tttggacaag gtcgagatag aagctcgctt ttagatgata 540
ccactgggac attgtcggtt tgcccgttaa gaaatagatt gaaagatgtt gggggagaag 600
cattttaccc attactttga agatgaccag tctaatttta ccttattcaa acagcaataa 660
tgagttgtct gcagctgcca cgctcccttt aatcatcaga gagaaggata cagagtacca 720
actaaataga attattctct tcgacaggct gctaaaggct tatccatata aaaaaaacca 780
aatctggaag gaagcaagag ttgacattcc tcctcttatg agaggtttaa cctgggctgc 840
tcttctggga gttgaggag ctattcatgc caagtacgat gcaattgata aagacactcc 900
aattcctaca gatagacaaa ttgaagtggg tattcctcgc tgtcatcagt acgatgaact 960
gttatcatca ccagaaggct atgcaaaatt taggcgtgta ttaaaagcct gggtagtgct 1020
tcactctgat cttgtgtatt ggcaaggctt tgactcactt tgtgctccat tcctatatct 1080
aaacttcaat aatgaagcct tggatatatg atgtatgtct gcttttattc ccaaatacct 1140
gtataacttc ttcttaaaag acaactcaca tgtaatacaa gagtatctga ctgtcttctc 1200
tcagatgatt gcatttcatg atccagagct gagtaatcat ctcaatgaga ttggcttcat 1260
tccagatctc tatgccatcc cttggtttct taccatgttt actcatgtat ttccactaca 1320
caaaatthtc cacctctggg gataccttac tacttgggga attcctcttt cccattctgt 1380
attgggagta ggcaattctt caggcagctg cggggaccgg cttttgggct aatgggcttt 1440
aatggagtg ta 1452

```

<210> 620

<211> 651

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(652)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (651)...(92)

<223> similar to gi3169118 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 620
tttttttttt ttttatttac atggattttc ttttttaata gtaaagcatc atttattggt 60
cccgttattc ccgacaccaa acccatctcc actttacagt tgaggaaact gaggctcagg 120
gagtctacaa atcctggcca aggacagtgg cagaggcgct atctgtctcc aaagccccaa 180
ggtgttggcc ccnttcctgc tttggagctc caggctcctg tgaatgggag tctctggtct 240
gccccacttg gaggagccag gagaggcagg gaactggggg aggatggaag ctcaccccg 300
acagccagtg cgaagatgca gcgtcggcag aaccaagggt tgagcagggg ctggtcagca 360

```

ctgcccgcta	tggggatgtg	gcactgctgg	ttggtaaccc	agggcacact	tcccgcagat	420
gaggatctca	ttcagcggcc	ctgatgtctt	ccctaggcag	atgttgcaact	tgggctcctc	480
tcctggaaca	ccggcatgct	gtatgtcctt	ccataggacc	cagtatttgg	aattatcttc	540
gaaagtcacg	aggcagcttt	gcttagagct	gctgaccctc	ttgatcttcc	cgaggtagta	600
caggccatct	gtccaccggc	acagcacata	ctggccctnc	gtcagtttgg	a	651

<210> 621
 <211> 698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(697)
 <223> similar to gil79337 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 621	
tcagtgtggt	ggaattcaag aacctgagcg ggactatgag aacgagtctg agtcttcgga 60
gcccatactg	ggcgaggaat ccatggaagg ggatgagcac attcacagcg aagtgagtga 120
aaaagtcctg	atgaatagtg agaggcctga tgagaaccac agtgagccct ctcaccagga 180
cgtcatcaag	gtgaaggaag aatttacaga ccccacttac gacatgtttt acatgagcca 240
gtatggactg	tacaatgggtg ggggtgccag catggccgcc ttgcatgaga gctttacatc 300
gtctctgaat	tatggcagcc ctcaaaagtt ctcccagaa ggtgacctat gttctagccc 360
agaccccaaa	atctgttatg tgtgcaagaa gagtttcaaa agctcctaca gtgtgaaact 420
tcactacagg	aacgttccact tgaaagagat gcacgtctgc acagtggctg gttgcaatgc 480
tgcatcctcc	tctcgccgaa gccgagacag acacagtgcc aacataaacc tacatcgtaa 540
actgttgacc	aaagaactcg atgacatggg cctggactcg tcgcagccct cccttagcaa 600
ggacctccgc	gatgaatttt tgggtgaagat atatggtgcc cagcacccca tggggctcga 660
gtgcagggaa	gacgcctcct ctcccgagg gactgaag 698

<210> 622
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(439)
 <223> similar to gi2072967 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 622

taaatggaga	gacatactgt	gtttaaggac	tggaagactc	aatattgcag	ggatgtctat	60
tcttcctaga	tagatttcat	agataagatg	caatcccaac	agttttgaaa	ttgacaagct	120
aagtttaaa	tctacatgga	aatgcacaag	gtcgggaata	gccaaaatgc	tcttgaagaa	180
caaggaagga	ggtcttgctc	taccagatac	caagacttat	tataaagcta	tagtaaacia	240
gataataagg	tatgggttta	gagatgctca	aatagaccag	aaaggaatag	agaacctgaa	300
aacactctca	tacgtaaagt	gacacttgat	gtgtgacaga	aatagcactg	cacagcaatg	360
aggaatggac	aggcttttaa	ataatgtagg	acaattgggt	atccattagg	aagaaaaaag	420
gaattggacc	cctcct					436

<210> 623
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(746)
 <223> similar to gi3880030 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 623						
gtgggctgaa	gctgcgcaag	tcggagtcca	agagcagcct	ggccagccaa	cgcagcaagc	60
agagctcctt	tcgcagcgag	gcgggcatga	gcaccgtcag	ctccacggcc	agcgacatcc	120
actccaccat	cagcctgggc	gaggctgagg	ccgagctggc	ggatcatcgag	gacgacatcg	180
acgccaccac	caccgagacc	tacgtgggcg	agtgggaagaa	cgacaaacgc	tccggcttcg	240
gcgtgagcca	gcgctcggac	gggctcaagt	acgagggcga	gtggggccagc	aaccggcgcc	300
atggctacgg	ctgcatgacc	ttcccggacg	gcaccaagga	ggagggcaag	tacaagcaga	360
acatcctcgt	cggcggcaag	cgcaagaacc	tcacccccct	gcggggccagc	aagatccgcg	420
agaaggtgga	ccgcgcggtt	gaggccgctg	agcggggcgc	caccatcgcc	aagcagaagg	480
ctgagatcgc	ggcttcocagg	acctcccact	ctcggggcaaa	ggccgaggca	gccctcacag	540
cagcttagaa	agcccaggag	gaggcgcgga	tcgcccagga	tactgcca	agagttctcc	600
ccttccttcc	agcaccggga	aaacgggctg	gagtaccaga	ggccgaagcg	tcagacctcc	660
tgtgacgaca	tcgaggtgct	gtccaccggg	acacccctgc	agcaggagag	ccccgagctg	720
taccgcaagg	gcaccactcc	ctccga				746

<210> 624
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = a,t,c or g
 <220>

<221> misc_feature
 <222> (56)...(726)
 <223> similar to gi3063699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 624

ctagtccagt	gtcgtggaat	tcctgggcag	tgctcttta	agaagtcaag	actcagccct	60
tcctcccagg	gacatctttt	cttgatactg	acactccgcc	tgtcccccat	ctgggtcctg	120
aggccagcta	gagggaggcc	tccaggggcc	cgcaccccc	tcactgccac	atctgcctcc	180
caaccagggt	ccttgcatth	atctgctcct	gcacettgcc	cagtcccccc	agccctgcca	240
tctggccctc	ctctctcctg	cttcccgcct	atgccaccat	caagccgtga	aatatccaga	300
cgctgccaat	ctgatcacc	aactcgctcg	ccaaggagc	ctccacgggg	aatcccagc	360
tccttcctgg	ggcccacgag	cccctcctca	gtctggctta	tcccaccca	cgcttcctcc	420
tggctacccc	aaggctgggc	actgagcctc	acacccagaa	cctcgagggg	acgcatcctc	480
cctgtcagtt	tcacctagta	tcctgctccc	cacaggcctg	ggggggaaaa	agtctagagt	540
gtgagccacc	ccttccctgg	cctcagtgct	cccagctgtc	agagggatga	gatgacagcg	600
ggcccaccct	caggttgtca	cgcagacctc	gtgctgcgtg	tgggtggagag	gccgtgagtg	660
ttctgtgtg	cttctttccc	ccaccttctc	gggttagtct	gcagggccct	cctcgagagc	720
ctgngtcctt	gggtcctgga	tcgttct				747

<210> 625
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(438)
 <223> similar to gi3983139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 625

actgtgtcct	gagagcctgt	caccggagtt	ttttacctca	gtgggtgcagg	gtgtgtctcat	60
ctccctgctg	ggctccctgg	gggtcggggc	tggcagcagt	gaaagtattg	ctgccttcat	120
acaacgcctc	agtggatcca	gcaacatctt	tgagcctgga	gctgatgggg	cccttggtga	180
gcaaaaagga	tgctttggct	tgctccagga	aggggcagcc	agaggaatgt	agatggcctt	240
ggtttagggg	tattgccaag	gtgggatgag	gttgatgata	tggttgtggg	tgggcaggcc	300
aggtggtaaa	ggcattgtct	aacatctgcc	cttgctcccc	aggattcttt	gggccttgc	360
ttctctctct	gtgccagaac	ttctctatgg	tggacgtagt	gatgcttctc	catgggcatt	420
tccagccact	acaacggg					438

<210> 626
 <211> 509

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (66)...(363)
 <223> similar to gil90672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 626
ttagagtggc ggactgccag acagaacccc tcgagggaca gagcaggaaa gaggacaagg      60
ggtgggggtc tcagcagggg caaggcttca ctaaagaata ggggaccacg ggggtgtggag    120
acacactgga atcttgtgga ccctctgagc ctagggtctg ggtgggtgcct aacagcaatg    180
aaagggcaga gttccaggat tgcagatggc aaaacgcctg cgtggcagca agtggggagtc    240
ttcactggcc tgcccctcct tctgtgtggg gcaactctcca cagggcttcc agtcatctta    300
gatgaggagc tccaagccac actccacgac tttagacatc aaatcctgca gacaaggggga    360
ggtaagggga cccccctggc ctcacggggt aggagtttcc cacaaattcc cctcattctc    420
agcaccagct tctagaacat agagatgaca aacaagcgtg cacatgcagg tcttggggaa    480
aggaatgatg cttgcttttc tgatgtctt                                     509
  
```

<210> 627
 <211> 998
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(1001)
 <223> similar to gi4240130 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 627
agtttccagg tgtctggaaa tgaagtatgg aaatgaaatc atgaataaag acccagtttt      60
cagaatctct ccacgaagta gaggaactca taccaatcca gaagagcctg aagaagatgt    120
tcaagctgaa agagtccaag cagcaaatgc actcactact ccaaacttgg aggaggaacc    180
agtcataact gcaagctggt tacacaagga atattatgag acaaagaaag ttgcttttca    240
acaacaaaga agaaagcagc catcagaaat gtttcgtttt gtgttaaaaa gtgaagtttt    300
gggattacta ggacacaatg gagctggcaa aagtacttcc attaaaatga taactgggtg    360
cacagtgcc aactgcaggag tgggtgggtt acaaggcaac agagcatcag taaggcaaca    420
gcgtgacaac agcctcaagt tcttgggtac tgccctcagg agaactcact gtgtcccaaa    480
cttacaatga aagagcattt ggagttgtat gcagccgtga aaggactggg caaagatgct    540
gctcttagta tttcatgatt ggtggaagct ctaagctcc aggagcaact taaggctccc    600
gtgaaaactc tatcagaggg aataaagaga aagctatgct tcgtgctgag catactgggg    660
aaccatcag tgggtgcttct agacgagctg ttcaccggga tggaccctga ggggcagcag    720
caaagtggc agatacttca ggctaccatt aaaaaccagg agagggggcg cctcttgacc    780
accattaca tgtcagaggc taagtctctg tgtgaccgtg tggccatcat ggtgtcagga    840
acgctaaggt gtattgggtc cattcaacag ctgaaaagtt tggtaaagat tatttactag    900
  
```



```

aaataaaaaat gaaagaacct actcaggtgg aagctctcca cacagagatt ttgaagcttt 960
tcccacaggc tgcttggcag gaaagatatt cctcttta 998

```

```

<210> 628
<211> 1523
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1310)...(0)
<223> similar to gil370543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 628
ggggggcccca taaaaaaaact tttaccttgc cagcccgcgg tagtaaacct ggatccttta 60
aaacggcccc cccttttttt tttttttctt gtttcaagtc caatttattt cacacaacac 120
acaggctgct gagggaatcc acctgcactg cactcagttg aacttcgggc ccagtgcgcg 180
gtcagagact aaaccatggg agaaagttca caccctggcc tgggccaccc accttcagct 240
ctctcctgtg cgtcaggacg cacgctggcc ccaagagctt cactcaacac ggctgggtcc 300
tggggcgacg tgggcacagc acttgccagg cgccctggc aggggtctct ctcaagctc 360
cgcaccgctc tcctctccgc tgtctctcgc gtcgaccca cctcgggcg cctcaacctc 420
ctcactgtcc tcttcagagt ccgtctctc cagccactcc tgagtttctg ggtccatctc 480
caccaaggcc ttccacgctt ccctcctgtg caggtccagg cagtgcaggt cgctgagggt 540
gacctggcgg tcgccggcct caaacatgcc cccatagacg tagagcacc catgcttcac 600
agccagcatg gcgttggagc gtggacacgg cccaggtgcg gggctgccgg cctcctcaag 660
gctgtcttcg tcctcagacc ggggctgccc cgccgagcct ggcgcggtga gcacctgctt 720
aatggtgacc acggtgccat cctcggccac cacctccttg accagctgca caggcccttg 780
ggtgccagct cccccacacg ccggcctgct accaccttcg ggctcctctt ttctgccccg 840
cctgcgtttc ttcttttcag acttgggtcc cttcagctgt cctcaaacc aacggttctt 900
ggtggcgctg tagaagtaca gatcgttgaa gaactcgccc gacaggctct cctcctcttc 960
ctcgtcacag acacccccga agaacagtgt ctggtgatcc ggggccatgg ccacggaaaa 1020
gccagaccgt ggggtgggct tgacccccga agggttcatc cgagtccaaa cccacttgct 1080
ttctcttcgg tcctctggct tcagcaggaa catgtctgag tgccgtgtgc ccttggtccac 1140
gtctttctta actctctgtt tcgagtagcc cccatagacg acgatgccg cctggggagt 1200
gacggacatc tggcagcctg atctgggtgt gggccccgct cctgacgggg acagcttgct 1260
ccatgtgaag gtgtccagat taaaggcata cacgtcgttg tagtagatgt aatccctggt 1320
tagaagaaca gcagctgtca gggtcgtaaa cattgggaaa agccctgaca ttaaaaaactg 1380
aactgattta aattaaagggt aaatttccta ctgtttgggg aaaaactcaa accatttttc 1440
tcctctgctc ttacaccaac acaacaatca acacagaaac gtggccggaa ttccaccgct 1500
ctggactagt gatctgcgat caa 1523

```

```

<210> 629
<211> 1219
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(1220)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1031)...(1214)
 <223> similar to gi2894106 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 629
tggaattccc cggctcgagc agccccagca gccctgctgt ccgggacttg gtggagaggc      60
atcagggttag cctgtgtcgc tcccagtcct tctcccacca gcagcctttc cgaagccacc      120
tcatgaggtc gggcagtggt atggagcgca tagccatcac gccccctgtg gcctctcctg      180
ttggccgccc cctctacctg cccccggaca aggctgtgtt gtctctggac aagattgcca      240
agcgcgagtg caaggtcctg gtggtggaac ccgtcaagta gcaccgtgcc agctctgttc      300
cctcttacac tccagagacc caacgcccc agaggggatc cctgctcccg ggctgtgcct      360
ccccctggat gcctcccaga cgggggtgaa gaggcctggc agagctgcct gtcttgtgtc      420
tgctgatgag ggatggggga agaagctgtg aagtgggcgg gcatggctgg gactaagcca      480
ccagtattcc ccgagttcct gtgggggggg ctggccccac ccctaggcca gggcaagggt      540
tcccagagct ccctgtgtcc cggcccttta ccctggttct gagtttataa agtctcttcc      600
tcattcccgt tgagttcttt cccacctctg acattccctc cctccctccc gcagggtctga      660
gattagaggg tggatgatggc taagggtcccc tgacagtgtc cttcctgtct caggggttgg      720
ggacagggcc aggtagcctc ctgcccccta tgtttacgtt tgcagcctga agcactttaa      780
tttttttttt tttgggcccgt tcctgttaac gttattttcc aactattgca ttccaactga      840
aaaaaaaaacta ttaaattgct gttcggggagg gaaaaaaaaa aaaagggggg ggccccttta      900
aaaaaacctt tggggggccc aaatttaacc ggggatggaa aggaaaaatt ttttcttta      960
agggggggcca aataaaaaacc tccttgggaa ttttggaata aaaccctttt tttggggggg     1020
ggccaaattg ggcccacccc ccccccaaaa tttaaagcct ttagggaaaa aaaaaatttt     1080
taaggggaaa agggggaaaa aaaaccccaa aaccctgggg gttaaaaaat ggcccnnnac     1140
ccnnaccttt aatacaanta caggcggnnt gcttctgcct aacgataccc atcaaggggg     1200
ggcctcagaa tctaattgcg                                     1219

```

<210> 630
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (43)...(289)
 <223> similar to gi3193226 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 630

ccaccatgcc	tggccagccc	agcagtttct	tatcccatgt	agcaaccact	ggtgcagggtg	60
gcagcctggt	gcattgggga	gtatggggac	ctcctgctgg	caggggaactg	cgaggagatt	120
gagccccttc	aggtgagacc	tcattggggg	tacactgagg	agggacttgt	cagggggaca	180
ggacttgcac	cagggccact	aactgtatcc	atgtctgaag	gtggacgaag	aggaagtgt	240
ggcattgctg	gaaaagggtg	tgcagtccca	catgtccctg	ccagcaggag	gtccccatac	300
tccccaatgc	accaggctgc	cacctgcacc	agtggttgct	acatgggata	agaaactgct	360
gggcgtcgac	gcggccg					377

<210> 631
 <211> 1468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1469)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (845)...(1445)
 <223> similar to gi953172 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 631						
agttcnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnncctagag	ttcttagaga	atttctagct	tctgtttctt	240
taaacatggt	ttattagctt	tctaaattat	gaaagtaa	acaactggaa	aaatacaaaa	300
tccaaagtca	agggagtaaa	aaaatgtaac	tcccttggtt	cccctccccg	cgtaaccgtg	360
gttaacagtc	ggtgtgcacc	cttacagatg	ttttttctat	gaaaatacaa	acattcgact	420
tgtttcttgg	actttacctc	gcagtccgag	gagaatcatg	tgaacagcat	gaaagcagca	480
tgggtccgaag	actgcaaacc	ataacatttc	catatctact	gactctgaat	tcctgtttct	540
agaggacccg	caccacgtg	gctctgtgca	tccgcagcaa	cttgggtctt	cttcctttgc	600
tgagtttggt	taagggaaaag	ggccgattat	tgagtgggct	cagttcacag	gtgcctgaaa	660
ttcctactta	gcaatgttcc	tttccagctg	attccgcctc	cgagagcctt	aggaaaaaat	720
gctaacagtt	aggagcgaag	cgctcctaat	tgctcagtc	aattatctag	atgggtccag	780
gttcgggttc	gattcagaga	taaggaccag	ggggcgggga	cgcttcagag	tgagcccttg	840
gttaggcttg	cctccccg	gagcgacgc	gggtctcgct	ggctggactg	ggcctttcaa	900
gaccaggtaa	cttctccatc	cggtatcgcc	aggcttacct	gggggcctca	gaattgtgtc	960
agctgcgtct	ctgagtcacc	ttggaacccc	togaaggagc	gcggggctag	gagggcgcat	1020
cggtgggccc	ggggacccc	ctgctagggt	tggttggcgc	caaggccgcc	tctggccggc	1080
ggagccctgc	agtgtccgga	gggtgcggtc	agagtccggc	cctttaggcc	ttgcctcggt	1140
atccgccttg	ccccttgggc	cgcggcacgg	gttcgggccc	agcgcgccgc	atcttgcggt	1200
tctggcttcc	tgagacgggc	gtgggacctc	gaggaaacca	ctctgcatga	ccccacgaag	1260
agaactaagg	accaccccc	acccttccct	tcctggacgg	cttcataagc	cagaggatcc	1320
agtggcagta	ccaagcagg	caccactctg	ggtcgtgagc	acctaagagg	tggagcaaag	1380
gtcagacccc	aggggtggcc	aggcctccct	ccccgcctc	cccggcgggg	ccattcctca	1440
cccgaattc	caccacgctg	gactagag				1468

<210> 632
 <211> 852
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (50)...(666)
 <223> similar to gi726436 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 632

ctcagccggt	ggaattcggg	gcccagacgg	gcgctttgtg	atggggccca	ctgtggcggc	60
ccccaggaa	aggtcaggcc	gggagcaggc	agaacctcgg	actccagccc	agcgtctggc	120
ccggtccttt	gactgtagca	gcagcagccc	cagtggggca	ccccagcccc	tctgcattga	180
agacatcagc	cctgtggcac	cccctccagc	agccccaccc	agtccttgc	caggtcctgg	240
acccctgctc	cagtacctga	gcctgccctt	cttccgagag	atgaatgtgg	atggggactg	300
gccccgcgtt	gaggagccca	gccctgctgc	acccccagat	tacatggata	cccggcgctg	360
tcccacctca	tctttccttc	gttctccaga	aaccctcct	gtatccccca	gggaatcact	420
tcctggggct	gtggtagggg	ctggggccac	tgcagagccc	ccttacacag	ccctggctga	480
ctggacactg	agggagcggc	tgctgccagg	ccttctccct	gctgcccctc	gaggcagcct	540
caccagccag	agcagcgggc	gaggcagcgc	ttcgttcttg	cggccccctc	ccacagcccc	600
ctctgcagga	ggcagctacc	tcagccctgc	tccaggagac	accagcagct	gggccagtgg	660
ccctgagaga	tggccccgaa	gggagcatgt	ggtgacagtc	agcaagagga	ggaacacatc	720
tgtggacgag	aactatgagt	gggactcaga	attccctggg	gacatggaat	tgctggagac	780
tttgcacctg	ggcttggcca	gctcccggct	cagacctgaa	gctgagccag	agctagggtg	840
gaagactcca	ga					852

<210> 633
 <211> 1760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1761)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (152)...(1734)
 <223> similar to gi3242649 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 633
tttttttttt ttgcaatgaa aaccctttaa tgttgggctt tctttaaata aaacagaaag      60
gttgacgctt tcccatgggtg gctgtaaggc aagaacagca gtgagggcgg gcgtgttcta      120
tcgggcagtg ctgcagccct tgactctggc tcaaggtggg ctccctggag gcagcggcaa      180
ggaggcagtt ctggatgtgc aggcacagat gtaggggaac aggcaagcgg gcacagggcc      240
ctgagctgac aagcagtgac ccctgcaccc agctagatgg ggcaccccct ctctgggagc      300
tgagggcatc agctggagcc tcaggctggg accagcccca actttgcctt ggtgactctg      360
ggcattcca ggccctcagtt tccccagctg taaggtgagg cattaggcag gagggggtgg      420
ccccagccag tgtcctagta gcctggtgtc tccattaggg agacctgaga agctgccagg      480
agaggctctg ctagcgcaag gcagggccgg cccagcagct gacaaggaac atgctgaata      540
tagaggacag aggagttaaag aagacgcctg ccggccaggc cagagagggg cagctctaag      600
ggggtacagc ggccctgtgtg gctgtaggcc cagaaagggg ggggatcagc ccaagtcaca      660
gagcatggcc ctggtgggcg gcgaggggtg cgagtggaca aggacacccc tgcagagtcc      720
caccccccct ctattccctc caacaaggga acgcccagca ggaagcctgc tgtctttcca      780
ggagccccctg tgccacctag tctgaccctc ctacagccaca aggtaccct cccgtccagc      840
ctgactggag gtagaggagg aggaggaggc aaggccgact gcagtgggga gcccggtgtc      900
cccgctcctc gtcagcaaata gcctccctc catctgcctc tagccccggc ctctgaccac      960
ccaggctctg cccagggcct gcaaccacct cagcggaagc cagaggggct gcctggcaga     1020
tgccgctctg acccttcagg agtgccact gcacctgaat caggcccagg ccctggagag     1080
cccagggcctg taccaggat gctctggtct ggccctgcct cggcccttgc agtgggccga     1140
gccaggatct aggctcggga ggcacttgtg ggtccctttg ctccaggcac catcctcccc     1200
tacctaggcc cacatgagtg gcctcatcgt agggccaggc aggactctcc tttgcccac     1260
catccccacc ttgagggcag agctgggtca ggatgccaat gccactcctc cttctgccta     1320
gcgtggagcc cagcacagag gggatcaat aactggggg gccagtggtg tggagcaggg     1380
tgggccaggc tggtcaggag gctactccag ctggaacaga gtatggctga gactgcccac     1440
ctgtgggcag cccccaggcc caggatggtg gccagggcag acggtgtgaa ggtggcggtc     1500
actggtcctt ggtgacatca ctgagccac tctccatgag gagcagctgg ctgctggcct     1560
cgtttagtaga gatccagtgc tgcagatcag cgggcagctc agggggctcc accctgcgct     1620
ggcacagggt ctgcacgacg cgtcgggtg aggtgccag caggtgctgc cggaagcgca     1680
gcagcgcgca cacgaaaccg tcccgcaggc tgacaaagcg cgcctccagg tagaacgcgc     1740
ggaagtcggn aaaacgggtc

```

<210> 634

<211> 518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(518)

<223> similar to gi3327142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 634

```

ctgggtgatt tcgtcatggc catcagtcac agtgaggaga ccaagctgca gatgttcatt      60
tgagagcgca tcattctcag cctgggcttt gtcattagtg gccactacaa ggactttgcc      120
agggatgtgg cagcctccat agcattcacc aatgacctga acggtgagca cccgcacaag      180
gcagcggaca tggagggtct gtacacgctg gacacagcag aggtggatga ccgcagctac      240

```

tgggtcaggt	tccagtcctc	atccctggca	tcttgagtg	ggaccaggag	cagagtgtca	300
tctatggctc	cactgacttt	gtaagatggg	gggtgggccc	ccatcgtgtt	gcctggatct	360
gctggagcat	gagttaactg	ctcaagaccc	tgtgccactg	catgctcaac	cagtgcacg	420
atgaggcgga	gctcttctcg	gttgagggca	aggggtgtcac	tggcaatgac	agatactacc	480
tgctgagccc	cctccccctg	acctcagctt	tcttgctt			518

<210> 635
 <211> 1213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(865)
 <223> similar to gi3676826 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 635						
accagctaa	acctgttctt	tgaagaaagg	gtgaacctca	aattcaaagc	ccctctcttt	60
ctcttccctc	atcagaatcg	gctcccagac	acctgccact	cgtgaatgca	tctgataaac	120
tactcacac	tgaggccttg	gggactgagg	ccctggcgga	tcacgggtgc	ccaggggctc	180
ggaggccgcc	tctctgggga	agcctgcccc	ggttccgatg	gactcccaca	ggcaataccc	240
ctgggccttc	ctcgcggccc	ctgttgcccc	caattccccc	acccctgca	aggtctgtgc	300
ctctcctgca	gccccgccac	caactagggc	gagaggagct	cgccccacc	caaacgtatt	360
ggttcgatga	aggaagggcc	catggttctg	ccactggccc	tggacacca	gtgctggttt	420
cccgtggaag	tccccctgga	ctgagtggcg	gctgggtgct	ctagtattt	gcgacctggg	480
gcctctgact	cccattcatgt	tgggaaagtc	gttgaacctc	accggtgaaa	cgggcacagt	540
gaagtcattt	ccccgaagtc	tcaggactct	gtgtaaggct	ggggacaggg	gcttgttggg	600
gcctaaggcc	accttgggaa	ctgcaggagc	ccgttctgcc	tccataagac	actcactcct	660
ggcaggttcc	cctctccggg	cacagcccag	atccaccccc	atcatccctc	tccatctgtg	720
gctccctgcc	cctcacagag	gattcatcac	tctgttcaga	atccccagga	ctccctaggg	780
aaggaggtcc	cagcctggcc	tcccaagacc	gtgcttgccc	aattccagga	cttcctcaca	840
tggctectac	ctccagcaca	gaagcggcac	taaaccaggt	ggtcaatcag	ggagcaccac	900
cgaggttctg	aatgggtccag	ggatgagcag	tgatgcctca	agctaagcca	atcaaagcct	960
tccctgggat	tgtctcaagg	agtccgcagt	gagattctgg	gtctcagtac	tgggaaaggg	1020
tgaggctgag	gctgcctgct	gtcctggggg	cctcacctcg	ccaccaacag	gaagccacac	1080
agagggaagc	agaaatgaga	cgcagccagt	gagggcaggg	tacaaagggtg	agatcccggg	1140
gagacagatg	ctgggacatc	atccttgggt	actggttcca	acagtgcctg	cagatggagc	1200
caccctcgga	gag					1213

<210> 636
 <211> 1124
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (2)...(1094)
 <223> similar to gi214044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 636

gggcccgatc	ccgagcccg	ggccgtggag	gttcccgcgg	ggcgcgtgct	cagcgcccgg	60
gagctcttcg	ccgcccgtc	gcggtcgag	aagctgcccc	agcgtcgca	tggcccgaag	120
gactttctgc	ccgacggctc	ggcagctcag	gccgagcggc	tgccgcggtg	ccgggaagag	180
ctctggcagc	tgctggcaga	gcagcgcgtg	gagcgcctgg	gcagcttggg	ggctgcccag	240
tggaggccag	aagagggctt	cgtggagttg	aagtctcccg	cgggcaaatt	ctggcagacc	300
atgggcttct	cagagcagg	ccggcagcgc	cttcacccgg	aagaggcctt	gtatcttctg	360
gagtgtggct	ccatccacct	cttcaccaa	gacctgccac	tgtctatcca	ggaagcttac	420
cagctgctgc	tgaccgacca	cactgtgacc	tccctgcagt	accaggctct	cagccacctg	480
aagaggttgg	gttatgtggg	tcgacgattc	caaccaagct	ctgtcctgtc	cccgtatgag	540
aggcagctta	acctggatgc	cagcgtgcag	cacttgagg	atggagatgg	caagagaaag	600
aggagcagct	ccagccctcg	gtccattaat	aagaaggcca	aggccctgga	caactccctg	660
caaccgaaga	gtctggcagc	ctccagccca	cctccctgca	gccagcccag	ccaatgccc	720
gaggagaaac	cccaggagtc	aagcccatg	aagggccag	ggggcccctt	tcagcttctg	780
gggtccctgg	gccccagccc	tggcccgcc	agggagggg	tggggtgcag	ctgggagagt	840
ggcagagccg	agaacggagt	cacgggagcc	ggtaagcggc	gctggaactt	cgagcagatc	900
tccttcccca	acatggcttc	agacagccgc	cacacccttc	tgccgcgccc	agccccagag	960
ctgctcccgg	ccaacgtggc	tgggcgggag	acagacgctg	agtccctggg	ccagaagctg	1020
aaccagcgca	aggagaagct	ctccaggcgg	gaacgggagc	accacgcgga	ggccgcgcag	1080
ttccaggaag	atgtcaacgc	cgatcccag	gtgcagcggg	gctt		1124

<210> 637
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(831)
 <223> similar to gi3413391 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 637

tttttttttt	ttagggttta	aaaaggggct	tgtttaatta	attaaatata	aggatgaggc	60
caggcagggc	gggggagggg	cgccaccac	ggaaagcaca	cgctctcgg	agccgcctcc	120
cctgcaaacg	gctggaacca	ggtcccagtg	atcagcgact	cctgggagag	tggaggggtg	180
ggcgaggtc	tctccgagcc	cctggacact	ggagaggggc	ccagttatag	agttctggaa	240
cccacagccc	tacctacccc	tgctccagac	aggccctgc	cagggtggtg	gccaaccaag	300
actcaciaag	gaaaacgggg	ccccagtccc	ccaccacccc	ccacagacta	aggcatctca	360
ctagcgctgc	cagaagaggg	tttgaggcta	gggacagaga	acacagagag	ccgagggctg	420
gatggggcag	gaccctccga	gcccagctcc	agaagggcgt	cccctgcctc	cctcccccca	480
ggatcccagg	cacccatccc	tggatcctgc	caggccgggg	ctgggtccag	gtgcacacca	540

gtgccatcca	aagccccct	gtccccaagc	gagaggcagg	acggttcttg	aacaaaaggg	600
ggtaccaaaa	acctcctgca	gccaacagtg	gggggatcca	cctttctggg	tctgacatgg	660
aaccggggac	ccttctcatt	ccaggctggg	ggctctcaat	accccccca	agaggaaatg	720
caaccaggc	cacagcagga	cgaccgctga	caaggacaca	aagggtggccc	ccgaggaaca	780
agtccccacc	ccacccaagt	tcagctcaga	gacccccga	attacaccac	acgggaa	837

<210> 638

<211> 964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(209)

<223> similar to gi3598974 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 638

gtccagtgtg	gtggaattcc	cgggagcctc	ctcaggctcc	ctctattaaa	gccgatctga	60
ctccgcccag	ccagatgtcc	cgagtgcgcc	aaggactgtc	ctctcaccca	ctcctggatt	120
ctgccctgac	ctccatcctg	gacactgcct	tgataacata	gacccttcca	ctgacaccct	180
cgctctcaca	ccccctccag	ctttccgacc	ccacaccgac	aactccccgg	cttccagacc	240
ctaccagcac	taccctaacc	ctcagccgac	agtctcagcc	ccaccgaccc	actttcttgg	300
catatagccc	cacttaagac	ccctcctcta	cttccttctg	agtcctctac	aaagacatcc	360
gggtactaca	tttccatccc	ttccctattt	tgacaccaa	ttatggtgta	gacagccctc	420
ccccaacccc	aggccagtca	ggcacaatcc	ccccaccccc	caaacgtcct	ggactgcaca	480
gacctccac	tccagaccat	ccaggcctgg	ttcccaagac	ccgatccttc	ccctgcaacc	540
agacagtcta	caactgcccc	ctccagccca	ttttctgcgg	tgaaaccccc	gccagccaca	600
ccagactctg	gaaccctttt	tgcactgccc	caactcttgg	acaccaggcc	aactagaaca	660
cccaacacca	aactgtacag	actctccac	cccaacctcc	ccagactctg	cacggatgtc	720
ctaggcccc	tccccaactc	taaccagacc	ccatccccct	aagtcccttt	gtcttgaccc	780
ccaagtcttc	aaccaagata	tctctggcaa	ccccacctcc	caccctcctc	ctctttctcc	840
tttcaaagac	ccaactgagc	acccgctctg	attccccaca	gcctttctcc	ctgggcacca	900
ctcccttagt	ctttcccgag	cttactctcc	cgaataaatg	tgctaggagc	tctgaaaaaa	960
aaaa						964

<210> 639

<211> 1353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (110)...(1206)

<223> similar to gi2754696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 639

```
ttttttttaa gttcacaaac cccttgaact ttatccatga gattttctga tgacccaatg 60
acttaatcct gctactgact taatcaaaac ccagtcaccta cagaagagac ctgctcccc 120
gtcacagegc cccccacggg ccccccatgc cgcttatttt aaaagcgag ctccacagg 180
ctgcctttcc ttcagtttct gtccatgccc ccagccccag gctgacctct cttggcgga 240
ccgtcccacc ccgctgctg cactgagccc gctgggctg ggggactctt gctcagtaga 300
acccgaggcc agcaaaagct cttagcccag gatggctgca gcagcgacag tcctgaaggc 360
tacagagaca cctggaaagg gaacaaggag agcacgacag tccctgtgct gaggatccag 420
ggtggtggcg gcaggggtta gtgtacagtc tcgagaaaac agggcgggcg cagggggctg 480
cactgacctc tataaccga gagggttttt aaagtgaat gacaagggca cagctacagg 540
aacgacccca ggaagaagtc ccgtgacggc tggagtcaga agcccctgaa acaagcacct 600
ccccagttag gccccaccgt gtaccagggt tgcctatgac cccccccagg ctctgcagcc 660
tgccagaga ccaccgaggc cccaggagggt gcttcagaga tggagatgaa gctgcatctc 720
cgagccatga ggcccagtgg ggcccggaca gagggagcct ggtgttcaca caccacatct 780
gttttccaac aaagtcaaaa cacggtgggt cctttcagaa gatccccagc acccgacact 840
tcaactcaga ctccaggcgt cgggcgaggc cagaccagg agatcacagc ctgtagcggg 900
gacagaaagg tgtgactcc tgaagcgct cagcaacttc tctctgttc aagtggcacc 960
ccaggtccag agcggggctt gtggggagag gagcacgggg gcttcgtcct cggaggcgcg 1020
gagctccaag caagggtga gcagcagctg ggagtctccc ggaggccaga acattactgg 1080
ccccgtgtgc acatgcgcct tcttgagtc ccaaaaggca gataccacgt atcccaccaa 1140
atatctactt acagattggg aaattgaggc aaaaagctca ggtaattccc acaaggccac 1200
agagctggta agcgggtggg ttgagattca gtggcaacgg gccgaggtct cctgggtgtg 1260
gtgtggaccc tgatggtgag cagggtaggg acctcctcga gccccatgg aatcaggctg 1320
cttaccatca cgaaatccac cgcgtattc agg 1353
```

<210> 640

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1082)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (999)...(329)

<223> similar to gi159714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 640

```
ttttttttca aaagatgaaa taacacactt agcatttatt gagcagctac gggatgtctt 60
gccttgcgct acaagaactt tccattttca tttcctttca cccctaggag gtagggtatc 120
tttgcttcc agcacacaca gcagcctggg cccaancaag cctctaggat tctctaggaa 180
cagaagctca acagtgacaa accatgtctg tggctgagcc ccaaagtcg ctggcctgtg 240
```

ttgggtgtga	atggatgtta	ggtgcctcga	gtcagcgaca	gagaccaacg	gcaagggtag	300
ggatctcaga	gtgcattgtt	agagcctcgg	ggtctggtcc	aggaggccag	cattgttgac	360
atthttgtgat	cttggaaaccc	ttctccctgc	agcagagggga	gcattagggga	ggccgggaga	420
cagtgggagc	acccctcac	tgtaatgaac	acaagtcccg	tagggggctg	atggagcagg	480
gccacctcaa	tggacccact	ttccctcccc	agcccctgat	ttgatcaggg	ccacagctgc	540
cggctagcag	gggtggatgc	tccccgccc	acttcctgga	ggtccctgaa	tgtcccatg	600
agtagggctg	aggaacaggc	cagaggctctg	gccacactgg	ggcccctggg	catggagaaag	660
gattggggcc	caggcacttt	ggtgaggcca	gtggaggcca	cagtcccacc	cagggccctg	720
ccccggctac	ctatgttcat	aatccccagg	ccaggataga	gatcctcgct	gccctctctc	780
caggaaacccc	tgccccgcct	caccagtgtc	tgggtccctc	cctgggcctg	ggttcctgca	840
ggacctggct	tgggcaccac	cctgcacccc	tgatttccac	ctgtgagcct	ggcctgcccc	900
cgccccccac	ccttctcttg	ccctctcccc	acctgggtca	gcggccccct	ggaggcgaca	960
gggtgaggc	ccgtccttgc	gctaagaatt	cctcccccca	aaacctgccc	catacactga	1020
acaggcaaga	ctactgctaa	ggcagtgatc	tgggcgccc	aggccttccc	gaattccac	1080
a						1081

<210> 641

<211> 2446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2447)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (581)...(2428)

<223> similar to gil418928 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 641

ccccaaagcaa	ttggggaac	atcttcccg	ctagcnccaa	atcctggctt	tcagcaccca	60
ggcccagctc	agcagagcca	gtgtaggctg	ctaggagaca	aatgcccagg	ctggactatg	120
ctctccacag	tacctggggc	ccccatcctg	ctaaacgcta	caggggtct	gcccagcccc	180
acctcacctg	tccccatgct	caggcactgc	cttccctgtt	ttacccccag	agtgtacaga	240
gatgccccct	actctcctcc	cctgctttaa	aatccttcaa	tcacaattcc	acagaggact	300
caccttgccct	atgtgtataa	aaacaaagcc	agggcatgcc	cacaagcagg	agatgggaac	360
atcacccgca	cctggccgaa	tggctctgaa	gcgaagactc	caccaggccc	agattgtatg	420
gagtgggaagg	tgggggtggg	ggaggagcag	cagagtgcag	atttaaactg	gctcttacia	480
tccatctcca	gggtttgcac	ctgtttcccc	atgtagtttt	taatagcatc	ccgcttcata	540
ctcagaagtg	tcccagggtg	gacaagacat	tgtgtggcac	ccttgcaatg	gcccgcgctg	600
agcagtggga	gtaggggatg	gggagggcgg	ggggcagggtg	ccccctccca	ctcaccttcc	660
cagaaggccc	caccacctc	cctcagcacc	atctccagtg	ggtggggcaa	catctgtcct	720
ggcctcagat	tgcccgaagac	accatttgcct	cacggaggcc	accatgcccc	aatatgtact	780
tcccgtttcg	ggaccaccaa	gctctgggga	ctggaatgca	ggcagtggaa	gccccagatt	840
gacttaacct	gttgacagat	cttcagagaa	actgctggta	ggaggcagct	ggggaagggtg	900
gcgatggcca	gtgggcaggc	aggcctggcc	ccagagccac	tgtggtataa	agaggaagtc	960
tgacagaaga	gcagcctcgg	gcaaaacggg	ggagccaagg	cggccacggg	ggagaagtct	1020

ctccaccgtg	ccctgtgtct	ggtgcctggg	agggtggccc	agtgtccatc	ttgtccctact	1080
gatgctgcc	catcccaagg	ctcatgtctc	agaacgagag	ctgctgaagg	gctggacgtt	1140
ctgagacttc	ttaagatgta	agtcatttgg	catctgtagc	tgggtgaattt	caggtctcta	1200
ggggagaatc	tcagcacccc	aaaatccttg	gaacaggggc	tgagccgtcc	agcatcccca	1260
tgtagcatcc	agaggggttg	aggggctggg	cttctgggat	gtcacagtat	ctgagcccag	1320
agcaggaggg	aggggaaccag	ggccgaggcc	aaggaggcca	ctcacagagc	cagccctggc	1380
tcaaatgcac	ctgccccaga	cccagccaca	acagcccact	gtcccccagc	tgggctagat	1440
gacctcaaag	tttggagagt	cagggacagg	gtccagggat	gggaagaaga	cgtctccggg	1500
gcctggagga	gacagggggg	tgctgggctc	cgaaagcaga	tgccgcccag	actcagaagg	1560
ctgccgctgg	gccacatagg	acaggggggtg	cctgactttg	gcctcgggta	tccccctggg	1620
aggtggtgag	gcttcaaagc	cgggggttttc	aatcccttga	atgttgctgt	ccatccgcac	1680
cagctcctgg	gcacggcggt	tggaggctgc	ctgcccttgc	ttgtagacca	ggagcaggat	1740
gagggggagg	cagaggattc	ctacgatgca	ggcaccctga	gccagggtg	cagccgtgat	1800
gttttcactc	tcttgggagg	aggatgggta	caccacacag	ttggatgggt	catctttgcc	1860
tgtctgcacc	tgcagttcca	tggcaccatg	gacctgtg	tccgagtgg	ggtgcctgat	1920
ctccaccacc	agcgagcagt	agaggccgct	atccagcagg	gtcagggtgc	gcatggtgat	1980
ggagaagtgt	ccatggtggt	cggaggccga	ctccagccc	tggcgctgag	ccaggctctg	2040
gctggtgttg	gcagcctggt	ggcctccatg	gtgcagggtga	aggtcctgga	acgtgaggtt	2100
gcggatgggc	cggcgctctg	agcaggctctg	cacctcgccc	ctcgagctgc	ggtaccacgt	2160
cttgtagaag	gtcacatcgt	gccctttgtc	cacagggccc	aagagcctgc	aggtgaggg	2220
gacgttctgc	ccctcgggac	agacatacag	ggaatacggc	gtggcgacct	tgaaggctgc	2280
caccggacct	agggacgcag	ccaggaagag	agcgaagagc	agggatcccc	agcgccagct	2340
gccggcctcc	agggccgtgg	ggacgccc	gtcgccgtcg	gacgcgcaga	ggaacttctg	2400
gtgccgggga	gcgggcggga	cgcggccggc	gcggggaagc	ctcccc		2446

<210> 642

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (20)...(758)

<223> similar to gil230564 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 642

aaaacacaga	tganaatgag	atgtccttca	agtctacagt	ggatctgaag	ggagggctat	60
tattttctgt	gagacgaaga	agaatgtaac	tgacatggcc	atgaatccgc	acaaaacaga	120
atgcactgtg	tttacatggg	gacattgcac	agtcacaaag	agaaattaca	ctaaaaggct	180
tcagagaggt	aattataaag	ttttggtggc	aaccaatgtg	gtcctcgtg	gtttggacat	240
tctgtagtt	gacctggtga	ttcaaagttc	tcctcctcag	gatattgagt	cctatatcca	300
tctctctgga	tgcgtgggta	aagctggaca	gacaggggtt	tgtatatgtt	tttatcaacc	360
aagagaaagg	tcaactaaga	catgtggaac	aaaaaacaca	aattactttt	aaatgtgtag	420
gtgttccttc	tacaatggat	ttagttaa	ttaaaagcat	ggatgccata	aggtctctgg	480

```

cttccattta ttatgcagct gttgattttt ttccaacat cagctcagat actgatagaa 540
gagaaagggg cgatagatgc attggctgca gctttagccc acatttctgg tgtatcaagc 600
tttgaacat gatctttaat caactctgat aaggggtttg tggccatgac tctggaaagc 660
ctagaggaaa tacaggatgt cagctgtgct tggaaagaac ttagaaagaa gaatagtaat 720
gcagtgtctc agattaccag agtgtgcctc ttgaaagaaa atgaattcca ccacgctgga 780
c 781

```

```

<210> 643
<211> 970
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(971)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (15)...(872)
<223> similar to gi2653222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 643
gtgggtggaat tcgccaccgc gaggagccgc tctcccggct cagccgcaag aggaagctcc 60
tggaggacac agagtcaggc aagacacttc tgttgatgc ctaccgtgtg tggcagcagg 120
gccagaaggg tgtggcctat gacctgggccc gtgtggagag gatcatgtcg gagacctaca 180
tgctcatcaa gcagggtgat gaggaggctg cgctggagca ggctgtgaag ttctgccagg 240
tccatcttgg ggctgccgcc cagagacagg cctcggggga cccccacc actccaaagc 300
accccaaaga cagccgagag aacttctttc ctgtgacagt ggtgccaca gccctgacc 360
ctgtgccagc tgactctgtc cagcggccca gtgatgtca caccaagcct cgccctgcac 420
tagctgccgc cacaactatt atcacctgcc ctccgtcagc atcagcttcc accctggacc 480
agtccaagga ccctgggcct ccccgccac acaggcctga agctaccccc agcatggcct 540
ctctggggcc agagggagaa gagctggcga gagtggcaga gggcaccagc tccccgctc 600
aggagccacg gcacagtccg caggtgaaga tggcccccac aagttccccg gcagagccac 660
actgctggcc ggcagaggct gccctgggca caggcgtga gccacctgc agccaggagg 720
ggaaactgag gcctgagccg agaagggatg gggaggctca ccacctcnc catcacacgc 780
actgcttgcg ccattgggtg caccctcga gccaaaggcca acgcaaagta ctagaggctc 840
agtaccaatg agtgacccca cctgtgtccg cgatgtcac ctctaattgt cctccaccga 900
cagtcctctc aaggcgtctc attcattcca gagccacttg ggccctgct tgcctacctt 960
gagcctgccg 970

```

```

<210> 644
<211> 616
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (16)...(616)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 644
 gcgtgtggcg gaatttccca ctgctcctat acatactgcg ccacctagaa gctgctagac 60
 tgatggaaatg ttggtatggg ctgctttagt gccagggtggg agacaatacc ctgccaagat 120
 gtgccaccgt ctcctgcaca cagtatactt attgaatcag aaagcctgta tgatgctgtg 180
 tctacaacag gaatatatag atttcagaac caaggagtgg aggaggagt gacccactt 240
 accatcgcac ccaacgaacc actgagggac ttagtacttc ccatgcccac aactccaggt 300
 tctacagcat cagaagtcct agttctcaga gactgtatac cttctctagg caatattgca 360
 agaatcccat tgaactacag tctgctgcta ctatgtgggc actttggact ctgtgttcag 420
 ggaccagtag gcaagaagtc accatctagt caagggtaat tgaccctgaa ctgcaggagg 480
 aggcaagcct gctgtcagag gatagtggcg agagcaatgt gtgtggaact tagcggaccc 540
 actggaggca ccctctgtac tccttgccca gttgtaactg aatggactag tgcagcaacc 600
 ctggtctgag aagggt 616

<210> 645
 <211> 673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (70)...(415)
 <223> similar to gi790862 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 645
 taccgtgcgg tggaattccc ggaactacac tcatggaggg acagcagtca gacccctccc 60
 ccatgtctta tccgtagact tgaccacatc gtgatgacgg tgaagagcat caaagacacc 120
 accatgtttt attccaagat cctgggcatg gaggtcatga cttttaagga agaccgaaa 180
 gcactgtgtt ttggagacca gaaatttaac ctccacgagg tgggaaagga atttgaaccc 240
 aaagccgctc acccagttcc tggtccctg gacatatgtc tgatcacaga ggtgcctttg 300
 gaggaaatga tccagcacct caaggcttgt gatgtcccta ttgaggaggg gccagtcccc 360
 agaacagggg caaaagggcc tatcatgtcc atctacttcc gagacccgga cagaaatctg 420
 attgaggtgt ccaactacat ctccctcgta tggaggctgg acctcctcca ttctgtcccc 480
 cttgatgtcg ccctctcctt tccttctgc aaacccccac ccaggcccag agatctccaa 540
 agactgagga cttaggcact tcacacatcc tgctgagggg ggacccaaga caggtttggg 600
 accaaaccta catgtctgta tgtcatcaaa gttggcctaa taaatgcata acctctcaat 660
 gaaaaaaaaaaa aaa 673

<210> 646
 <211> 1120
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(601)
 <223> similar to gil212744 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 646
 cagcagcggc tcaggacaaa gggcaggtgg ggccaggggc tgggcccctg gaactggagg 60
 gagtgaaggt ccccttggag ccaggcccgga aggcaacaga gggcggtgga gaggccctgc 120
 ccagcgggtc tgagtgtgag gtgccactca tgggcttccc agggcctggc ctccagtcac 180
 ccctccacgc aaagccctac atctaagcca gagagagaca gggcagctgg ggccgggctc 240
 tcagccagtg agatggccag cccctcctg ctgccacacc acgtaagtgc tcagtcccaa 300
 cctcggggat gtgtgcagac agggctgtgt gaccacagct gggccctgtt ccctctggac 360
 ctcggtctcc tcactgtgta gatgctgtgg cccagctgac gagccctaac gtccccagaa 420
 ccgagtgcct atgaggacag tgtccgcctt gccctccgca acgtgcagtc cctgggcacg 480
 gcgggcccctg ccattgtgctg gtaacgcctg cctgggcccct gctgggctct cccactccag 540
 gcggaccctg ggggccagtg aaggaagctc ccggaagag cagagggaga gcgggtaggc 600
 ggctgtgtga ctctagtctt ggccccagga agcgaaggaa caaaagaaac tggaaaggaa 660
 gatgctttat gaacatgttt tgctttttta acatatatat atatttataa gagatccttt 720
 cccatttatt ctgggaagat gtttttcaaa ctcagagaca aggactttgg tttttgtaag 780
 acaaacgatg atatgaaggc cttttgtaag aaaaaataaa agatgaagtg tgtttcttgg 840
 gctcagccca tgggtagaag ggctgggtgg agggagatga agaaggagtg gccctcgctc 900
 tggggaacaa gggcccctca acaaccctg ggcttgggca gccctcccag gtgtcctgac 960
 ctgggtgccca tccaccctat gcttgaatga ggtgaggctg ggcccagggt ggagcagggc 1020
 tgctcttgcc ctccgacaag gacgggtcag ggagcctcac cttccccagg ccctgtcttc 1080
 tgccagcagg ggctctggcc catgtgcggc tgggagaggc 1120

<210> 647
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (51)...(584)
 <223> similar to gi3044086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 647
agcgggccgcc agcgccagct ggtagtacct ggctgcatca aacgggtcct tcaggtcgta      60
gaagatgatg  tcaccgagca ccaggtagac cttcacgtag tagaggggtc tcctcgtcaa      120
actccagcgg  cgagttgcag agcgacaggg ccttgaggta gaagtgtctt gccagctcgc      180
catggcccag  tccggtgttg cagggcggcc agccgggtgg taggccacgc gtcgtttcag      240
ccggtcccc  agggtagatg tgagtgttag ggccatgtgg gcaaaactcca agccctcctg      300
gggctcctcc cagcgtggcc aagcagtgcc accagcttgt tgcacagccg cagctccgcc      360
ttgctgtatg ccgtagtcac tgccaagggc atgggcccgg tcccggtaga aggacacagc      420
tttctcccg  tcccaggccc cgtcgaagaa gatgtctcca gccgcctcaa acagctccag      480
cccaggttg  gggtcgcctg tgtacagggc cacgttctgt gccacctgga tgtagaggtc      540
caccatgtc  ntctgccgca agatgtaata gatcttcctt gctt                               584

```

```

<210> 648
<211> 791
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (54)...(794)
<223> similar to gi4589654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 648
tattgcaaga gaacactcag atcgagccaa gtgaacccaa aaaccaagaa gaaaagaaac      60
tgtcccaggt gctaaatgag ttgcaagtat cacacgcaga gaccacattg gaactagaaa      120
agaccagggg catgcttatt ctgcagcgca aaatcaacgt gtgttatcag gtgcaaggaa      180
agatggtaca ggaaggggat ggataacagg aacgtgggaa ccaactcacag gactgggaat      240
gaagcaagac ctaagtttcc agggctgata ccaggaggaa ctggaggcaa tgatgacaaa      300
agctgacaat gataatagag atcacaaaga aaagctggag aggttgactc gactactaga      360
cctcaagaat aaccgtatca agcagctgga aggtatttta agaagccatg accttccaac      420
atctgtctaa agatgttgct tatggcacc gaccgttgtc gttatgtttg gaaacactgc      480
cagcccatgg agatgaggat aaagtggata tttctctgct gcatcagggt gagaatcttt      540
ttgaactgca catccaccag gccttcttga catctgccgc ctagctcag gctggagata      600
cccaacctac cactttctgc acctattcct tctatgactt tgaaaccac tgtaccccat      660
tatctgtggg gccacagccc ctctatgact tcacctccca gtatgtgatg gagacagatt      720
cgcttttctt acactacctt caagaggctt cagcccggct tgacatacac caggccatgg      780
ccagtgaaca c

```

```

<210> 649
<211> 443
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (444)...(61)
 <223> similar to gi2078483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 649
 cggaattccc ggtcgcagcc ccacttctga ggtagagcta ttgggcccc tgtgctccag 60
 ggaggagtgt ctgctgtagt tcatctccag gctgcaggtg gacacctgat ccccgaggg 120
 agaggcaggg cccggccaag gctcgcctcg cccagcacca tgactgtgca ccgcccggag 180
 ctctcggga ggcggggagc cctcgaagca cagggcaggt ccccgcccc agctgcccga 240
 gcccccgcc tactggcac gacaggggct ccggctgcgg tagatgaagg ggtcatagtc 300
 gctgctgagg gagctgcgga aggtggagca gctccgtac acgccctggt tgctgacctc 360
 agtgcagtct accacagagt cactggagga acagtggcac tggccggagc tgctgctgct 420
 gctgctgtcg ctgcctgggc agc 443

<210> 650
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(713)
 <223> similar to gi2078483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 650
 ggctgtgctt agcgaccgca ctctaggaa cctccacgcc ttctcatct ccgtccgtgg 60
 cagcttcgcg gagagcggcg ccaccaagaa cctcctggac tccatggcgc gcaatgtcgt 120
 gctggatgcc ctgcagctgc ccaagtccgt gctgaacggc tcttccctcc tgcagcacat 180
 gaaattcaac aaccggttct acttcagttt cagccgctgt accctgtcag gcggccatct 240
 gatccagcag gtcctcatcg gcgggaagga cctgcggagc ctggccagct tgaacctcag 300
 cggctgcgtc cactgcctgt cccagactc gctgctccgc aaggcggagg acgacatcgt 360
 cagcagcatc ctggagacgc tgggtggcgt ctgctgcaac ctgcgccacc tgaacctctc 420
 ggccgcccac caccacagct cggagggcct gggccgccac ctctgccagc tcctggcccg 480
 gctgcgtcac ctgcgtccc tctcctgcc tgtctgctct gtcgctgact ccgcgccgcg 540
 cgccgaccgc gcgcccgcgc agccggccat gcacgcagtg ccgcgcggct ttggcaagaa 600
 agtgcgtgtg ggcgtgcagt cctgtccag ccccttctcg ggccaggcgt gccccagcc 660
 ctctccgtg ttctggtctc tgctgaagaa cctgccttc ctggaacacc 710

<210> 651

<211> 1026
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (332)...(13)
<223> similar to gi4079809 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 651

cgttccgga	ttcccgggtc	gagtcctagtt	atttttttacg	caagaccagc	gtgcttgtgc	60
acggcagtg	ttttctctgg	tgtctgtgtg	tttgggtgta	acagcagcga	gtcagatgag	120
acaggtgtgg	gaggccactt	gtttgtggag	aagactcaga	tcagtgcgcg	ccgacttcct	180
tgtcagcaca	gaaccaagct	tgaaacatgc	actttttaaat	caataccaga	aaagaacaac	240
gaaaatagtg	gcttgctttg	ttggcccttc	ctttgtactg	ggctctgtgc	agggcatgtc	300
acctgagctg	tcactgtgtt	tagtaccagc	ccccccctta	ataggtgtgg	acgtcttcct	360
gaacagcctg	aagcagacgg	tggtgaccct	ggcaagcagc	gcagacgtgc	tgagcaccgt	420
gcagtcggcc	tcccaggcca	tgctgcagag	cggctggtcc	atgctgttgc	ccaccgctga	480
gaagcaggcc	cgggcactct	gctctcctgt	cctgcggagt	ttcaggcaat	gaagtgaaca	540
taagtccagg	tcatcgattg	gtgattgatc	ttctggtggg	cagcttgatg	gctgctggag	600
ggttgaggatc	agccttacac	gcagccatta	ctgcagagat	ccaggataca	aaaaaagaag	660
cacggaagga	aaaagaaatt	tatgaacagg	aagcaaatgc	ctcaacattt	catagaagga	720
ggactccatt	ggataaaggc	cttattaata	cggggatctg	tgagtcttct	ggcaaacagt	780
gtttgcctct	ggttcagctc	atacaacagc	ttcttaggta	aatcatatta	gctgtattgt	840
attgggtttt	atttatttac	ttttttgttt	tttgagacag	agtttcgctc	ttgttgccca	900
ggccggagtg	cagtggtgcg	atcttgactc	actgcaacct	ccgcctccca	ggttcaagta	960
attcctctgc	ctcagcctct	cgagcagctg	ggattacagg	catgcgccac	catgccccac	1020
taattt						1026

<210> 652
<211> 1753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1754)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (7)...(1753)
<223> similar to gi3822553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 652

gggatcgggc	cccgcggacg	ctacgccgcg	acgaatagga	gggccgctgc	ggtgagcctt	60
gaagcctagg	gcgcggggccc	gggtggagcc	gccgcagggtg	cagatccttg	tggtagtagc	120
aaatattcaa	acgagaactt	tgaaggccga	agtggagaag	ggttccatgt	gaacagcagt	180
tgaacatggg	tcagtcggtc	ctgagagatg	gacgagacgc	cgggatccga	ggtgccgggt	240
gacaaggccg	ccgaggaaca	gggagatgac	caggatagtg	aaaagtcaaa	accagcaggc	300
tcagatgggtg	agcggcgggg	ggtaaaagaga	cagcgggatg	agaaggatga	acatggccga	360
gcttactatg	aattccgaga	ggaggcttac	cacagccgct	caaagtctcc	actgcctcct	420
gaagaagagg	caaaaagatga	ggaggaggat	caaactcttg	tgaacctgga	cacgtatacc	480
tcggatctgc	attttcaagt	gagcaaaagac	cgctatggag	ggcagccact	tttctcagag	540
aagtccccca	ccctttgggtc	tggggcaagg	agtacttacg	gagtgcacaa	gggaaaagtc	600
tgctttgagg	caaaggtaac	ccagaatctc	ccaatgaaa	aaggctgcac	agaggtctct	660
ctccttcgag	ttgggtgggtc	tgttgatttt	tcccgtccac	agcttgggtga	agatgaattc	720
tcttacgggt	tcgagtggacg	aggactcaag	gcagaaaatg	gacaatttga	ggaatttggtc	780
cagacttttg	gggagaatga	tgttattggc	tgctttgcta	attttgagac	tgaagaagta	840
gaactttcct	tctccaagaa	tggagaagac	ctaggtgtgg	cattctggat	cagcaaggat	900
tccctggcag	accggggccct	tctaccccat	gtcctctgca	aaaattgtgt	tgtagaatta	960
aacttcggtc	agaaggagga	gcccttcttc	ccaccaccag	aagagtttgt	gttcattcat	1020
gctgtgcctg	ttgaggagcg	tgtacgcact	gcagtccctc	ccaagaccat	agaggaatgt	1080
gaggtgattc	tgatgggtggg	actacccgga	tctggaaaga	cccagtgggc	actgaaatat	1140
gcaaaaagaaa	accctgagaa	aagatacaat	gtcctggggag	ctgagactgt	gctcaatcaa	1200
atgaggatga	aggggtctcga	ggagccagag	atggacccca	aaagccgaga	ccttttagtt	1260
cagcaagcct	cccagtgccct	tagtaagctg	gtccagattg	cttcccggac	aaagaggaac	1320
tttattcttg	atcagtgtaa	tgtgtacaat	tctggccaac	ggcggaagct	attgctgttc	1380
aagaccttct	ctcggaaggt	ggtggtggtt	gtccctaattg	aggaagattg	gaagaagagg	1440
ctggagtgtga	ggaaggaagt	agagggagat	gatgtgcctg	aatctataat	gctggagatg	1500
aaagccaact	tctctttgcc	tgaaaaatgc	gactatatgg	atgaggtgac	atatggggag	1560
ctggagaagg	aggaagctca	gcccatgttc	actaagtaca	aggaggaggc	aaggaagctt	1620
ctgccccctt	ccgagaagcg	gacaaaatcg	cgaaaacaacc	gaaacaagcg	taaccggcag	1680
aaccgaagcc	ggggccaagg	ctatgtgggc	gggcagcgcc	gaggccacga	caaccctttt	1740
tanaaaaaaa	aaa					1753

<210> 653

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1453)

<223> similar to gil263287 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 653

gtaattccca	gctcgaggag	agcctctagg	ggcccttggga	ggggaaaagg	ccctaggagg	60
cctggcgaag	ggacagctgg	agaaggagat	gtcagtactg	agactgagca	acagtaactt	120
gctggaggag	ttaggggagt	tggggcgggga	gcggcagagg	ttgcagaggg	agctacagtc	180
cctgagccag	cggctgcagc	gggagtttgt	gcccaagcca	gaggcgcagg	tccagctaca	240
gcagttgcga	cagagtgtgg	ggctgctgac	aatgaactg	gccatggaga	aggaggccac	300
agagaagctg	cggaagctcc	tggcctccca	gagcagcggt	ctccgagggc	tgtgggactg	360
cctgcccgcga	gacctagtgg	gcgagaggag	tgcacaaagc	aaagcagcgg	agtccttgga	420

ggagctgcgg	gcctgcatca	gcaccctggt	ggatcggcac	cgggaggccc	agcaggtgct	480
ggctcggctg	caagaagaaa	accagcagtt	gcgggggtcc	ttgtccccgt	gtagggagcc	540
aggcacctcc	ttaaaggccc	cagcatcccc	ccaagtggcc	gctctggagc	aagacctggg	600
gaagctggag	gaagagctgc	gggcagttca	ggccacgatg	agcgggaaga	gccaggagat	660
cggaaagctg	aagcagctgc	tctaccaagc	cacagaggaa	gtggctgagc	taagggccccg	720
ggaggcagcc	agcctacggc	aacacgagaa	aactcggggg	tcgctgggtg	cccaggctca	780
ggcttggggc	caggagctaa	aggctctgct	ggaaaagtat	aatacggcct	gccgggaagt	840
gggtcggctg	cgggaggcgg	tggccgagga	gcgccgccgg	agcggggacc	tggccgctca	900
ggcagccgaa	caagagcgcc	aggccagcga	gatgcggggg	cgctccgagc	agtttgagaa	960
aacggcagag	ctgctgaaa	agaagatgga	gcatctcatt	ggggcttgcc	gagacaagga	1020
agccaagatc	aaggagttgt	tgaagaagct	ggagcagctt	tcagaagagg	ttctagcaat	1080
tcggggagaa	aatgctcgcc	ttgccctgca	gctgcaggat	tcccagaaga	accatgaaga	1140
gatcatctcc	acctacagga	atcatctact	gaatgctgct	cggggttaca	tggaacatga	1200
agtgtacaat	atcctgctgc	aaatccttag	catggaagag	gagtgaggca	gcctcactgt	1260
gtgcctcag	ggatacgaga	ttctctgttg	gaataagaaa	ccctggttga	cagaggcttc	1320
atcaggctgt	ggtgggcggg	ggtgttgccc	actaggcaat	ggtatgggca	gggcttcacc	1380
tgacattatg	gacctcagac	ctgagaacct	ggacctgga	atcagcatgg	atgagaccag	1440
aggaggtatg	gatggaaaca	agctctatgg	aaaataaagc	atgaggcagg	aaaaaaaaaa	1500

<210> 654

<211> 1729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (58)...(1729)

<223> similar to gi3450883 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 654

tctactctag	cgtggtggaa	ttcctcggcc	tcgcggcgac	ggcggcggtg	gcggtctgga	60
cgactcggag	agccgagtga	agacatttcc	acctggacac	ctgaccatgt	gcctgccttg	120
agcagcgagg	cccaccaggc	atctctgttg	tgggcagcag	ggccagggtcc	tggctctgtg	180
accctcggca	gttggcaggc	tcctctcgca	gtgggggtctg	ggcctcggcc	ccaccatgtc	240
gagcctcggc	ggtggctccc	aggatgccgg	cggcagtagc	agcagcagca	ccaatggcag	300
cgggtggcagt	ggcagcagtg	gccc aaaggc	aggagcagca	gacaagagtg	cagtgggtggc	360
tgccgcgcga	ccagcctcag	tggcagatga	cacaccaccc	cccagcgtc	ggaacaagag	420
cggtatcatc	agtgagcccc	tcaacaagag	cctgcgcgcg	tcccgcgcgc	tctcccacta	480
ctcttctttt	ggcagcagtg	gtggtagtgg	cgggtggcagc	atgatgggcg	gagagtctgc	540
tgacaaggcc	actgcggctg	cagccgctgc	ctccctgttg	gccaatgggc	atgacctggc	600
ggcggccatg	gcggtggaca	aaagcaacct	tacctcaaag	cacaaaagtg	gtgctgtggc	660
cagcctgctg	agcaaggcag	agcggggcac	ggagctggca	gccgagggac	agctgacgct	720
gcagcagttt	gcgcagtcga	cagagatgct	gaagcgcgtg	gtgcaggagc	atctcccgtc	780
gatgagcgag	gcgggtgctg	gcctgcctga	catggaggct	gtggcagggtg	ccgaagccct	840
caatggccag	tccgacttcc	cctacctggg	cgctttcccc	atcaaccacg	gcctcttcat	900
tatgaccccg	gcaggtgtgt	tcttgccgga	gagcgcgctg	cacatggcgg	gcctggctga	960
gtaccccatg	caggggagagc	tggcctctgc	catcagctcc	ggcaagaaga	agcggaaacg	1020
ctgcggcatg	tgcgcgcctc	gccggcgggc	catcaactgc	gagcagtgca	gcagttgtag	1080
gaatcgaaag	actggccatc	agatttgcaa	attcagaaaa	tgtgagggaac	tcaaaaagaa	1140

gccttccgct	gctctggaga	aggatgatgct	tccgacggga	gccgccttcc	ggtgggttca	1200
gtgacggcgg	cggaacccaa	agctgccctc	tccgtgcaat	gtcactgctc	gtgtgggtctc	1260
cagcaaggga	ttcgggcgaa	gacaaacgga	tgcacccgctc	tttagaacca	aaaatattct	1320
ctcacagatt	tcattcctgg	ttttatatat	atattttttg	ttgtcgtttt	aacatctcca	1380
cgtcccctagc	ataaatattc	tctcacagat	ttcattcctg	tttttatata	tatatttttt	1440
gttgtcgttt	taacatctcc	cacgtcccct	agcataaaaa	gaaaaagaaa	aaaatttaaa	1500
ctgctttttc	ggaagaacaa	caacaaaaaa	gagtgcatag	tttggcctgg	agaatccact	1560
cacgttcata	aagagaatgt	tgatggcgcc	gtgtagaagc	cgctctgtat	ccatccacgc	1620
gtgcagagct	gccagcaggg	agctcacaga	aggggaggga	gcacccaggc	cagctgagct	1680
gcacccacag	tcccagagact	gggatccccc	acccaacag	tgatttttg		1729

<210> 655

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(883)

<223> similar to gil64036 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 655

cggaccggaa	ttcccagacc	gacccacgcg	ttcgtttagga	gcaagtaggg	gcagggggca	60
gatggacccg	gacagcctca	gagtcggccc	cacaaccttc	ctcactaata	ggtcgcctca	120
gtgctctaaa	ccgcagctcc	cacacagagc	ctaaaccagc	caaacacagt	cacctgcccc	180
tccagactcc	ctggtgctga	cttggaacct	ggatagaggg	aaacttttcc	tccctctca	240
taagctgggc	tggaggccct	gaccattcct	ctaccacag	tgggtgaggc	tggaggaccc	300
ccacgggaag	ccatacttct	acaatccaga	ggactcctct	gttcgatggg	agctgcccc	360
ggtccctgtc	cctgcccctc	gaagcatcca	taaatccagc	caggatgggtg	acaccccagc	420
ccaggccagc	cctccagagg	agaaggtccc	agcagagctg	gatgaggttg	ggagctggga	480
ggaagtctct	cctgccacag	ctgctgtgag	gaccaagacc	ttggacaagg	caggggtgct	540
ccatcgaccc	aagacggcag	acaagggaaa	gcggtccgg	agaagcact	ggagtgcctc	600
ctggactgtg	ctggaggggtg	gcgtcctgac	attcttcaag	gactcaaaga	cctcggctgc	660
aggcggcctg	aggcagcctt	ccaagttttc	cacccctgag	tacacagtgg	agctgagggg	720
ggccactctc	tcctgggccc	caaagacaa	atccagtacg	aagaatgtgc	tggagctacg	780
gagccgacaa	ggctctgagt	acctgatcca	gcacgactcg	gaggccatca	tcagcacctg	840
gcataaggcc	attgctcaag	gcattccacga	gctgtccgca	gagctgcccc	cacaggagag	900
cgagagcagc	cgagtggact	tcgggtcgag	cgagcgcttg	ggaagctggc	cggagaaaga	960
ggaggacgcg	cgaccgaatg	cag				983

<210> 656

<211> 378

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(380)
 <223> similar to gi2072972 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 656
 tgatctttgg gtcagcaatg aaatcaagat ggaaattaaa gaattatttg aactgaatga 60
 taatagtgac agaacttatc aaaacatctg gcatatagca aaagtggttc taagaggaaa 120
 gttcatagca ttaaatgcct atatcaaaaa gtctgaaaaa gcacaaatag ccaatctaag 180
 gtcacacgtc aagtaactag agaaataaga gcaaaccaaa cccaaaccca gcagagggaa 240
 aaaaaattac aaggatcaga gcagaactaa atgaaattgc aatacaaaaa tgtataaaat 300
 ataatgaaa caaaaagcta gttctttcaa aaaaaatgat agactgttag tgagataaac 360
 caaaaaaga agggagaa 378

<210> 657
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(845)
 <223> similar to gi5305335 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 657
 cccaggccgc agcctgggat tccccagga ccccccgga gccgcccgt ctcccatgga 60
 cttgcccggg gactccaggt gagagcgtac ccgggcccgc cgcctgtctt gaccccggga 120
 gatggggatc ctggcgaccg tgccgggaaa ctacagagcc agcgacaggt tcgggcgacc 180
 gtctctgtct tctttcaccc tccagcccgc ctggccagcc gcgtctgtgc cgcagccctc 240
 tgactcgagc attatgggga gccaggagcc cgaaacggcc gaggtctgag ctcccggggg 300
 ccccttctcc cctggaaaag gcctctcggc gggctcctggc cgtgggtgcta gaagatgtca 360
 tggtctgttca catggtcccc gtggtgccct caaagcagac ctccatacca cagcaccaca 420
 gctaccatca ggatcctgtc cacaggcagc cgctgcctc gccaccccgg caggccgggt 480
 ggtcctcgca ggccaggcct ccgaccctc tgtgtttgtg tcgagagccc ttgagccgca 540
 tccaccggac ctcttcacc ctgaggcggc gatcaaggac aaccctggc ccagaggagg 600
 gcccttcaca aaagggtggc cgggcccccc agcccaccct ggtgggtgat ctggaagaca 660
 tcgccagtcc tagaccccc gctgagggtc tcattgatga gacccccaac ttcacatcc 720
 cagcaciaag agctgagccc atgaggatag ttccgagcc aacgcctcca cctggggacc 780
 tagaaccccc attccagcca tctgctctgc ctgcagaccc tctggagagc ccaccaacag 840
 cc 842

<210> 658
 <211> 1623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1324)...(271)
 <223> similar to gi607003 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 658

tttttttttt	ttaatgaaat	aaatgccc	gtttattaca	agatagaaac	attaaagatt	60
tcttaggcaa	aagggcaaca	ggtatgaaag	tattcacagg	gcgccaatt	tacaacagct	120
tgctccaggc	gatttacgtg	aatcctggcc	tgctccagca	tgaggccatt	gacaacctgg	180
cgctctgccc	aagcctgtgt	ccagggtgct	ggcatgacca	ggcgtgatgc	ccaccaccac	240
agtcctgtct	gcctctcaga	ggccggggac	ctcccacaca	aggatctcgt	tgccggcgcc	300
cgtgaagagc	agcctggcgg	acgggtgtaa	cctgcacagg	tgactgcgt	tgctgtggcc	360
ggcaaagtct	tgggcagtcc	ccatggcaca	gtctaccagc	ctcagcatgc	actcagcaaa	420
gccaacagcc	aggaggtggg	tcccggggga	caggctcagg	gacatggcaa	aaaagggcag	480
tggtatcttc	tccaccacct	gcttctggca	gaggttgtag	atgatcacct	ccttgtaaac	540
accggggccc	acgtacatca	ggagcgcccc	atcccaaggg	cagaaggcag	cgagggaggg	600
tggcaggtgg	ccctgagtct	ccgtgggtgg	aggcattggg	aaactcaacc	agtcacaaag	660
ctcacagtgg	ttccgcagcc	agtcggaggc	ccagacgctg	acccgctggg	ccccactggc	720
agccagccat	aggtctgtgc	cctccacccc	taagtcttca	cactctttgc	acgtgacaca	780
gatggtagag	attggggcgc	cctggtggtc	actcagcaca	cggagggttg	tccctgtgca	840
ggggtggctc	acagccacga	gcccattcct	gtctccagag	aggacagtct	gacctcggt	900
ggagaaggca	acagtgggtc	gcgccaccgg	gtgggggtgc	atcttgagct	ccatggccgt	960
gcgggagacg	ctgaagatgc	gcagggagcc	gtcaccttag	ccagccgcta	gccgctgctg	1020
ctcaggggtg	ccacagcacg	gggggtccca	tgccaggcag	aggcagctct	ggttcagcac	1080
ctggaactgg	atcacaagct	ccatgctggc	caaggcccac	acccgcacac	tcccatcctc	1140
actgcatgtg	gcgcagtggg	actccccggg	gctgaagacc	acctcggtca	ccttgctcct	1200
gtggccactg	atgagacgtg	tgctgggtgc	ctcgcccag	ctgacaaacc	acagcgtgcc	1260
cgccgtgggt	cccacgacgc	ccatgtccac	gctgtcatcg	aagctggcac	tcaccacagc	1320
cccgtccagc	accagctcgt	gttccatgaa	cacagaactg	gacctcaggg	tgagggaag	1380
gagagaacaa	tgggtctcaa	ggccgatgac	aagagccagc	tgggtcccca	gccgaggcag	1440
ggccctcagc	attgcatctc	aggacctggc	tgtgccctcc	cgggtggaaga	agagaaagcc	1500
catggagctg	gggcttctgg	gcccattgcc	gtactcgaca	gcagccagtg	aggcccaggc	1560
cacacccaag	cctgtccctt	ggaggggcta	gcaggcggcc	ggtctgcagg	gcggccttgc	1620
ggg						1623

<210> 659
 <211> 1267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1236)...(180)
 <223> similar to gi2906006 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 659
tttttttttt ttgagtaatg ccgactttat atcagcacac ccagtgtccc cacttccccg 60
ctggcccagg tcccggagac catgatggca cccacagtgg acttcgcaaa ggagcgtggg 120
gaccccgaag gccaggccac ccctcagatg ggggtcccat gctaaagcag acggtgccgg 180
tgccgcaggc tgtctgagac ccacggtgga gcccgggcct ggctgtcggg aggcggccac 240
gacggcgccct ttctcccagg aactccggga gggacccag gactcagcgc cagggcagcc 300
ttggcaggtg cagtgaggca gtgacttggt ggggttagat gtgggcctgc cccacgtggg 360
cagggatcag ccagatcatg ggggtccagc gatccgagcg gggccacaga gctctggagg 420
acttttctgc acaatgaatt tctgcttaaa aacagagatc aagaggaagc tctatcctgc 480
agctccgga atgggtggct gcgtgcttgg ggtctccgcc acgcgggagg acagcccaga 540
ggcaccctgg tctcaggcag ctggttccta ggctgtgtcc tccccactgg cggggcaccg 600
gctggaacgg cagcaggacc agcctcactg ttctcagagg ggtctcgggc cactgggtgt 660
ggtggtgctg gaggagtccct gcccgtgtgt ggctctggag ggcacggcag cagagcccct 720
ggcttttcta ggcagagcgg cacctgcccc atagatcgtg ccagctttgg ctgcaggcgc 780
tggggcctca cgtgtttcc tggggggggc cggaccccca agggcctcga tctgaagctc 840
tgaggtctca tggatgcctg ctctgtgtcc gataaacag atggctgtgg tggggaggag 900
cctcaggcgg cccgggaccc tttggcgctc gtcgctggga ggcggaggga cccagagccg 960
aggctgtgct caggactgtc ccgggcgcgg ggcgatgcca acactttgtg ctggttcccc 1020
ccaaggggtc ggcctccggg tccctgccgc caagtgcgtg gcgtggtctc ggctccagg 1080
tcagacattg ctgatacggg cctcccccg gaaggcagcg ggatccgtgg ccctgtccag 1140
gggcccgtcc cgctgacgt agcgcggctt ccgtacgggc tgactcttgg gtccgcctga 1200
cccagcacca ctgaagcat ggctgctcag gagggcctgg cggaggccgg ctgcgtctgt 1260
cctcggg

```

<210> 660

<211> 500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(501)

<223> similar to gi4218005 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 660
aataaaggag aaaagaaagg aagaagaaaa gtgggaggtg aaagaagaaa agaggaagaa 60
gaaagaagga gaatagaaga agaggaagaa gaaagaaaag aaagaagagg aaagaaggaa 120
gaagaatgga aagaaaggaa gaagattgaa cgaggaagaa agaagaaaaa agaaacattc 180
ttagaagagg aagaaagaaa agaaaaaaga aaaagagaag aaagagggaa gaaagaaaag 240
aggaagaaga aagatgaacg aagaagaaag aggaagaaga aaaaagaggaa aagaagaaaa 300
gaataaggaa gaagaaaaaa aggaagaag aaagcagaag aaaagaaaga aaagagggaa 360
gaggaagaag aacgaagaaa agaggaaaga aggaggagga gaagaacaag gagaagaaga 420
aagaagaagg gagaaggaga agaaaagaag gagaagagga aaaggaagaa ggagaaagaa 480
aaggagaagg aagagaaaaa

```

<210> 661
 <211> 1590
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1591)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (148)...(1590)
 <223> similar to gi557822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 661
taaatctctt ctagtgttag caaagtatth agcacaggaa agatcttata aaatgaaata    60
atgcatgtaa tgatgcattt tccaagtaga tgattttaac aaactgtaag cttttatgcc    120
tggccttcat tgtgtctttt ctgcctctgt caggcgaact gtgatgaaga gccttatact    180
taggaagaca caactacctt tgaacagtcc tttgtgaaat ctaatgatcg caacgaacga    240
aataaaccga aacatcgttc ttcaagccaa ggacccttgt catccattag agcggtaatc    300
aagagatctt ctcggaactt tattcagagt gaacttcatc gagatagaag gcgcccagag    360
atcaccattg tggcagctga gccactgagg ccagcctcgt ggtttccagg aacccccacc    420
ccaggactgg gatttcctac atcatctgca gcaggctctt ggaggcctaa tgagctgggt    480
cctgctgagc tcccaccatc ttatgaacaa gttataaaaag aaatcaacca agttcaagtt    540
aataactaca ataataataa tgctgctgct actccaaggc acactattac ttctgcaact    600
cagactgact tttcagaaga aatagacaac gatctgcctc aaacactaca ggcacctctc    660
aagcctcttc agcctttctc agcagctctc tctggcaatc ttccaacaaa tgtggcacct    720
ttaatcgtct ttgatatttc tgaagaaccg aattgtccag aaaaccccag tgctacaaga    780
tgtccagtg caaaaccaag atcaaaaagc aacctcagac caataccag agattctcac    840
attaaagagc aaagtcaaca gaaaatcagc ccagcagccg tacgagagga gtcatcccca    900
ggccggcccc agtctctgct ggacaacgct agcacctcag acagtcaggc agtgatgaac    960
attatgaaca cagaacaaag ccaaaatagt attggttcca gaattaaagt gtttgagggt   1020
cagacaaaca tagaaacctc aggactgccc aagaaaccag aaattactcc acgttcactt   1080
cctccaaagc ctactgtttc ctcagggaag ccttctgtag ctcccaaacc agctgctaac   1140
agagcttctg gagagtggga ctctgggact gagaacagac tcaaggtgac ctccaaggaa   1200
ggactcacc cataccctcc cctgcaagaa gcgggaagca tcccagtaac caaacctgaa   1260
ttgccaaaga aaccaaacc cggccttata cgaagtgtta atcctgagat tccgggaaga   1320
gggcccctgg ctgagagctc tgatagtggg aagaaaagtgc caactcctgc cccgcggcct   1380
ttgctgctga agaaatctgt ttccctcagaa aacccccacct tacccttcag ctccacctga   1440
aacctgtcac tgttctctcc cgactcgcag gggcaatcac aagccaaagc atacaagtca   1500
ctggggagaan ggggccccca gccaaccccc cagttccagt taatatagtt attgcacaa   1560
ttcaataaaa atctgctctt tgtatgacaa                                1590

```


<210> 662
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(661)
 <223> similar to gi3980032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 662

aacatttgca	gtataaggta	ttgcaggaaa	gagagaatta	tcaacagtct	tctcaatcaa	60
gcaaagcaaa	atcagcagta	ccttcctttg	gtataaatga	taaatttaca	ctaaataaag	120
atgatgccag	ttacagcctt	atcttagagg	tacagactgc	aatagataat	gtcttaatac	180
agagtgatgt	tccaatagat	ttacttgatg	tggataaaaa	ttctgctggt	gttagcttta	240
gcagctgtga	ttctgagtca	aacgacaact	tccttcttgc	cacttatcgg	tgccaggcag	300
atactacaag	gctggaactc	aagattcgct	caattgaagg	ccagtatggc	acactacaag	360
catatgtgac	tccaagaatt	caacccaaaa	cctgtcaggt	ccgccagtac	cacatcaaac	420
ctctttcact	ccatcaaaga	actcacttta	ttgatcatga	cagacccatg	aatacactga	480
ccctaacagg	ccagttcagt	tttgctgaag	ttcactcctg	ggtgggtttt	tgtctgcctg	540
aagtccaga	aaaacctcca	gcaggagaat	tgtgtgacat	tttactttca	gaacaccttt	600
ctagattaca	caacttgaaa	gtacctacag	aaaaggagag	ggagttttta	aatctgaca	659

<210> 663
 <211> 1071
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(894)
 <223> similar to gi1835264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 663

gggatacggg	gggcagtggc	cttgggcaca	aacagcctga	agcagcagga	acctggactt	60
atgggggatc	ccggggcccg	agtctactcc	tctcactcca	tgggggcccc	ggtggacctg	120
gagcctgtct	caccaaggag	ctgcctcacc	aaagtggagc	tggccaagag	ccggctggca	180
ggggccctgt	gccccaggt	accocgtacg	cctgccaaag	tgccaacctc	agccccagc	240
ctgggcaagc	ccaataagag	ccctcacagc	agccccacca	agctcccttc	caagtcacca	300
accaaggtgg	tgctcgacc	tggggctccg	ctagtcacca	aggagtcccc	caagcctgac	360
aaagggaagg	ggcctccctg	ggcagactgt	ggtagtacca	cggcccagtc	cacaccctta	420
gtacctggcc	ccactgacct	aagtcagggc	cctgaggggc	tggccccaca	ctcagccatc	480
gaggagaagg	tgatgaaggg	cattgaggag	aacgtgctgc	ggctccaggg	ccaggagcga	540
gcccctggcg	ccgaggtcaa	gcaccgcaac	accagcagca	tcgccagctg	gttcggcctt	600
aagaagagca	agctgccagc	gctgaaccgc	cgcacagagg	ccaccaagaa	caaggagggg	660

gctggcgggg	gctccccgct	cggaggggaa	gtcaagatgg	aagcccgga	gctggaggcc	720
gagagcctca	acatctccaa	gctgatggcc	aaggcggaag	acctgcgtcg	ggcactggaa	780
gaggagaagg	cctacctaag	cagccggggc	cggccacggc	ctggtggccc	agccccaggg	840
cccaacacgg	ggctggggca	ggtgcagggc	cagctggctg	gcatgtacca	aggtgcagac	900
accttcatgc	agcagctgct	aaacaggggtg	gatggcaagg	agctgccatc	caagagctgg	960
cgggagccca	agcctgagta	cggggatttc	cagccggtgt	cttctgaccc	caagagcccc	1020
tggccagcct	gtggggccccg	gaatggcctg	gtggggccctc	ttcatggctg	c	1071

<210> 664

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(759)

<223> similar to gi2072951 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 664

ccacgcgtcc	gagatgaggt	agttggcaac	acaataatag	tgggggatgt	taatactccg	60
ctggcagcac	taggcagatc	accaagacag	aaagtcaaca	aagaaacaat	ggacttaaac	120
tataccctag	aacaaatgga	cttaacagat	acttacagaa	cattctaccc	aacaagcata	180
gaatatacat	tgtatacatc	agaacacggg	acattctcca	aaatagacca	tatgataggg	240
cacaaaacaa	gtctcagtaa	atttaagaaa	atcagaatta	tatcaagtac	tctctcagac	300
cacagtggaa	taaaattgga	aattaattcc	aaaaggaaca	ctcaaaagca	tgcaaatata	360
tggttaattaa	ataacctact	cctgaatgat	tgttgggtca	acaatgatat	caagagggaa	420
atttaaaaaat	tctttgaact	gaacgataat	agtgacacaa	cctatcaaaa	actctgggat	480
acagcaaaag	tggagctaag	aagaaaattc	atagcattaa	atgcctatat	caaaaagtct	540
gaaagagcac	aaataaacia	tctaagggtca	cacctcacag	aattggagaa	actagaacag	600
tccaaatcca	aaccagcag	aagaaaagaa	ataacaaaat	cagaacaaaa	ctaaatgaaa	660
ttgaaacaaa	aaaatacaac	agataaatga	aacaaaaagc	tggttctttg	aaaagataaa	720
taaaattgat	aagcattagc	aagattaatc	aaaaaaaaa			759

<210> 665

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (430)...(0)

<223> similar to gi2072972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 665

```
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 120
nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnc agactttttg 180
atgtaagcat ttaatgccat gaactttcct ctttagcactg ctcttgctgt atcccagagg 240
ttttgatagg ttgtgtcact attatcgctc agtcaaagaa cttttaagtt tccatcttga 300
tttcgttggtt gacccaacga ttattcagga acagggttatt taatttccat gtatttgcat 360
ggtttcgagg gtttcttttg gagttgattt ccaattttat tccactgtga tctgagagag 420
tgcttgatan 430
```

<210> 666

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (127)...(463)

<223> similar to gi2065209 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 666

```
ccaccaattt ccttcctttt ttttttnata ggagtggagg tntaataggc agaagaaaga 60
gaaaggaaaa tggcatccnc aatagtggca acatcctctc cccgacccat gctgccatca 120
gcctttccac ctttgtctga ggagataaac cctgtgctgc ctgaggcaac agtgatggcc 180
tcccctgagg cagttgccag gcaagataat atcgattctc ctctagcacc ctcaacacct 240
ttgtttgctt ctagacctat aactaaagtc ccgatgggcc cacagaagtg aggttcagag 300
tgtgacctat ggggaggtga gctacacttg aattgagttt tctaatttat ataagcagaa 360
atttgagaa caggcacggg aatggatatt aagggtgtgg gataatgctg gaaggaacat 420
acagatgcat caggctgaat ttattgattt gggctcacta a 461
```

<210> 667

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(331)

<223> similar to gi804810 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 667

agatgaacac	atataatcaa	tttctctcta	ctaacaatga	acatatggaa	atctaaatta	60
aaaacataat	accacttatt	ccatagaaaa	ttaaatagtt	tggtataaat	tgaacaaaat	120
atgtatagga	cttttgtgct	gaaaattaca	aaatgctgat	gaaagaaata	atagaaataa	180
atgaagacac	atggtctctt	gatagattgg	aaaactcaac	ttagtaagta	tgccagttct	240
ctccaaattg	atctgtaggt	ttaatggcat	tcctgtcaag	attccagtaa	ggtttttctc	300
agctttaaat	aaacttattc	caaaatttgc	ataaacagtc	aaagtcataa	acagttgaaa	360
caatttggga	aaatttttct	cataagtttt	gagaaaaaga	g		401

<210> 668

<211> 1148

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (338)...(1116)

<223> similar to gi1947160 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 668

tccagtctca	gggccctgcc	ctcttccctt	ttattccacc	aatctcttgg	gtggggagtg	60
gcgtggggaa	tcagaagcac	caggaagcct	gggaaaggag	aagccactgc	agctgccccca	120
gacacccac	cccataaagg	tttaaagaat	gggccctcac	cccatctggc	aatcagcgga	180
gggggtgggg	cacaaaggcg	agcagacact	ggtcaagctt	ccacttcatg	taaacaagga	240
ggcgtggca	ctgacccctg	cccagccacc	gacagtcagg	tggaggcgtg	tgactgagat	300
gcttcggacc	ctctcatttg	ggatccagcg	tccttgaggc	caggacggag	gctgcagggc	360
agaaggccag	ttggcgtctg	atgtgcaaac	tggtgcagtg	tgcgacctgc	gctctccaca	420
gcacagggca	gggcaggcag	gcattccacac	gtcctgcccc	ccaccatccc	gcagctcagg	480
aaatcacaca	gttgctaggc	ttggcagaac	tgggacttgt	tttacctgag	atgtcagcac	540
tggaattctc	gttgggcctc	ttccccgtca	gaaactccac	ttcaaaggtc	tcgggggaaa	600
cagagctggc	catgccattg	ggcgccgcag	gccttttggc	tcggcgactg	aagagcctgc	660
tgtgaagcg	cccgccgggg	gcggccctccc	cccggggcgc	ttctcccatg	ccatttcggc	720
tgggtgcctc	tcgggatttg	ggcttcagggt	ctctgtgcat	gtgagagacc	atcctgccat	780
ccttctggct	cagctctccc	aaggggatgg	gotccacggg	gggcagcacc	tgctccaccg	840
taaccaggtc	tttcagggaag	ctctccaggc	gccaggccga	ctcgccaccg	ctggcgccct	900
cctcctgccc	ctccgggttg	ccgcccgcct	cccgtgtttg	ccgggcagcc	cagcgcatca	960
tctccccagg	cgggtggcgg	cagcctgaca	ccaaggcgta	cttgggggtg	ataagctttc	1020
gagccacagt	ggaggagtaa	tggaggccaa	ccctgcccgc	caggctcagc	tgccgggtaca	1080

```

agtccacctc ctccgagatg gcgtacagct cccggaactc cgtgtcaaag ggctctacgt 1140
tctgtcct 1148

```

```

<210> 669
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (9)...(719)
<223> similar to gi200543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 669
cctgctggcc tcggccaaaa ggaggggtgga ggcagcttcc tcctgggtgc cttccttgac 60
tgaggagcagc tcgataaaagg gggccccagg gggcagaagg tagacgccat ggggctgctc 120
tggtctgtagg tttaggccca gcacccctcc cgaggcagca taagcaggag agaagaaggc 180
tagtccttgg caccacaagg ccccgagggc agccacagcc tcggcctggc ctctctgcatc 240
cagagtcacc accacctgca gctttggcca gagccgaagg gccagtcccc gtggccccctg 300
ctatagggcc tcccggagct cagctgcccc ttccaggaga ggtgctccag ggttcccggc 360
agctatcgcc ccagctagct cttcaccatc agtctccagg cccaagaaaa catccagaag 420
ttcgacagcc gtcccagcct ccagtgcctt cagccctggg gacctcagtg cgtccagcag 480
cagggcccta ggttccttgg ttccaggggt gccacctgg cccaggggat tcccaggcca 540
aggcaggggt cggggccaag gggatgtaag cgtcacacgg gcagtgcgtc cctgagccag 600
cacttctggg taggccttgt ttagggctgc cagaccagc aagggtggcct ggaggaggaa 660
agagagaatg ttggtctggt gtcagagcca gaccagagc cccatttgg gggttcttt 719

```

```

<210> 670
<211> 487
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(489)
<223> similar to gi56589 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 670
aattaatgaa ctaaaagaag aaaacttaca tgatgctctc tatcaatgca gaagatgcaa 60
aatttagcac acatttatga ttttaaaaat ctcaggaaaa atagacatag agggggattt 120
tcctgaactt gataaagggt aaacaccata agccttcagc taacatactt aagggtgaga 180

```

ctgaatgctt	tgtccctaag	atggggaaca	aaccaaggat	attagttctc	accgcttatac	240
caacatatgg	ctgtaatttc	tagccagtgc	aataaggtaa	gaaatggaag	taaaagtcac	300
atagattgga	aaagaaggaa	taagactcca	tatttgcaga	ttacatgatt	gtgtacatag	360
aagatcccaa	ggcatgcaca	aataaactcc	tacaactaat	aggtaagctt	agcaggggta	420
caagatacaa	gatgacacac	aaaaatcaat	tgcatttctg	tatactaaca	atgaacatat	480
ggataaa						487

<210> 671

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (765)...(1093)

<223> similar to gil780975 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 671

ccggtttctg	gttaataaat	atgtgggtaa	atatctgttt	ggggctctca	gctctgaaga	60
ctgtgagacc	cccaatttcc	cacttcacac	ctctatat	ctgtgtgtgt	gtctttaatt	120
cctctagcac	cactgggtta	gagtctctct	gactgacctg	gtcttggcaa	gtgggtgtcca	180
tttgtggggg	ctcatatcca	ggtcgaagg	tcaccagagc	aatgggttga	atgggaaact	240
agctggagga	cacccgagta	ctcttaaagc	aatccctgtc	gtgcgtaaga	aggggagctc	300
ggaagtgtca	gggtaacaat	gggacaggta	tggggctctg	ttcatttcac	cttggaaact	360
tttcacactg	gtaatgagga	ggaacaagag	tatagcgaag	taacagaaga	ggttacagag	420
catgtttatt	ttgccagcta	aagctaaaag	cagcaaagga	aggaagagat	tcacccctac	480
ccttcttgca	ccccctccct	tattaatttt	gatgaagatg	accccccaaa	atctttcctt	540
tcctggagga	cactgggcaa	aaagtaattg	ccccagttga	ctgtttcgag	cagcgcctca	600
tgtgacagct	cttagttcta	ttcaggcagg	aattcgagca	agctagacaa	gaggggtgatt	660
tagaggcttg	gcagttccct	gttagaatac	accccccaga	tcaacaggga	aatattatag	720
ctacatttga	gccttttccct	tgtaaattac	tcaaagaatt	taaacaagct	attcatacta	780
aaaaagaatg	tagaaataat	cagcaagtca	gctgccagat	aggggaaaaa	agaaaactgc	840
tgagtctgaa	atatgtccaa	catgtaaaaa	aggaaaacac	tgggctaata	agtgtcactc	900
taagtttgat	aaagaaggga	acctgatttc	aggaaatgcc	atgagggggc	tgtcctgggc	960
cccattccaa	actggggcat	ttccagctca	ggccattccc	tcacaccctg	acaatgtctg	1020
tcccccgcca	cagccggtag	tgccgcagta	gatttatgct	gcacaaaagc	tgaggaattc	1080
ctgcgcactg	cgct					1094

<210> 672

<211> 585

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(541)

<223> similar to gi56520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 672

acaacatatc	aaaaacttgg	ggacacagcc	aaagcagtgc	tgagaggaaa	attataacaa	60
tgcatgtgta	taatagaaaa	gagtaagtct	cagattaata	acgtaagcac	ccacctcaac	120
aacctatgaa	tagaaaaagca	aacctaaagt	aaacaagagg	aaggaaataa	ataagagcag	180
aagttattga	aattcaaaac	agcaaaacaa	aagataaaat	cagttaaaca	ggaaataaac	240
aaaattgaca	aatctgtacc	aggactgacc	aaaaaaaaag	agagaggaga	cataaattgc	300
cagtgtcagg	aatgaatcag	atgactcact	gtggaccctg	aagatatcaa	aaggataata	360
aggaataat	atgcacatgc	attggacatc	ttaaaagaaa	tggacaaaact	tcttgaaaaa	420
cacaaactat	cacaaattat	ccaatataaa	atatatcatt	tgaataatct	taaaattact	480
aaggaaattg	ggttcataat	tttaaaactt	gcaaaaaaga	aataggtaga	cccaagtggg	540
agaattata	ccacacattt	aaaatacagt	taactggtag	agtgc		585

<210> 673

<211> 394

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(394)

<223> similar to gill174092 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 673

ctggaatttg	aaatcacaaa	caagaccatt	tacatcaaca	tcaaaaaaac	acgaaatatt	60
ttggtattaa	taaaatatgt	gcaagatccc	taagaacaag	actaaaaatc	tgatgaaaga	120
aatatatcta	aataaatgga	gagatagtcc	atgtgcacaa	ataggtagat	tcaatatatt	180
caagatgtca	gttcttccca	acttgatctg	gagattcagt	gcaaccctat	cattgcaatc	240
aaaatcccag	caagttattt	gtgaatatta	acaaactgat	tctaaacttt	atatggaaag	300
ggggaaaaaa	agaatagcta	actcaatatt	aaaggagaag	aacaaagtca	gagaaccgat	360
gctactcaac	ttcaacaatc	agcaaaaaga	aaga			394

<210> 674

<211> 514

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(388)

<223> similar to gi2072972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 674

tgagctagat	gccattaaca	aagtcttcca	gcaaagaaaa	gcccaggcct	tgatagcttc	60
actactgaat	tttaccaaac	atttaagaag	aactgtttca	aaaaatagag	aataattcca	120
gactcaatct	atgaaaccaa	tattcctctg	ataccaaaac	caaagaaagt	gacagggcag	180
tatctctgat	gaccactgat	acaaaâaatca	tcaagaaaat	actagcagag	ttcagcaaca	240
cattaaaaac	atcattcatc	atgaccaagt	gagatcccag	ggatgtgcaa	ggatgggttca	300
gcatacacaa	atcaattaat	gtgatacatc	atatcaacag	aatgaaggac	aaaacccatg	360
tgataatctc	aattgatgcc	aaatggctgg	gtgttggtggc	tcccacctgt	aatcccagca	420
ctttggggag	ccaaggtaga	tggatcgctt	gaggccaaga	atttgagacc	agcctgggca	480
acatggcaaa	acctcatctc	taggaaaaaa	aaaa			514

<210> 675

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (167)...(489)

<223> similar to gi3599344 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 675

agttgtcttt	ctggtaccac	ccccatccc	gagggctatc	taggggccca	cttcaagtca	60
cttcattagc	ataagaggac	actcttctca	ctcaggaaat	cccaagagtt	tttgaacctc	120
tgtgccagga	accacagaca	aaagatcaga	tgtaatcttt	attatgcaa	ccaaagacag	180
ggagataatc	ttgaaagcta	caagagaaaa	atgaccaata	gcttataaag	gaagccccaa	240
taagattaac	agctgactct	cagtaaaaac	aatgaatgcc	ggaaggcagt	ggaataaac	300
aatcagagca	ctcaatgaag	aaaaââââat	tctcaaccaa	aaatcctata	tccagcaaag	360
accatctttc	aaaaatgaag	gtaaaataca	gactttccta	gatgaataaa	tctgaacttc	420
ttgttagcaa	accacctta	tgagaaacac	taaaggaact	tcttcagctg	aaaacgagga	480
actccataca	gcaac					495

<210> 676

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (3)...(468)
 <223> similar to gi1698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 676
 aaatttttaa caagtgggtat caagatcctg aagcatttct ctgaagagtt gtaacaggag 60
 atggaacatg gctttaccag taggatcctg gagacaaagc aatggctcct aaaaggggga 120
 agtggcccag tcacagcaga agtgatcagg agcagaagtc acagcaacag ttttttgaga 180
 tgctgaagac attttacttg ttggctttct agagggccaa agagcaataa catctgctta 240
 tgatgagagt gtcttgagaa agccaaaact ttagcaaaaa aatgccaga aagcttcacc 300
 agaggggtcct tctccaccac cacaaggctg ctgctcattc ctcacatc aagggcaatt 360
 ttgcaagagt ttcaatggga aatctgtagg cattcacitt acagtcctga tttggctctt 420
 tctgacttct ttttgttttc taatcttaaa aatctttagg tcggtcatgg tggctcatgc 480
 ctgtaatctc agcactttga gaggccgag 509

<210> 677
 <211> 472
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(454)
 <223> similar to gi3746840 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 677
 cgcctgaaga caggcaagaa gttaggggag ttctgatcaa ggcgaccaa tccagattct 60
 gatgaagggg aagattagga gggagagagg aggaaaagta gtaggggtga gctgccattg 120
 cccttcccac ttctttggta gagaaagacc aagagtcacc ccgagatttt ccttatgaag 180
 aggattcaag acctcagtca tggctctcca aagcagccat tcctccccca gtgaaggagg 240
 aacaggacag actgagatct ccaagccgtc ctacagctc cttcctcact aacgtggtgg 300
 gaacgggtgg gcacaacatc atgcagaagc gcggcttccg ggaaggctgg ggcctcgggg 360
 agcacctgca ggggcttcga gacgccttcc cggtggggaa gactagcaaa tcaggcggca 420
 agatcatcgt ggcgcagcc gcacagaaa atgcattgaa aggtcaggtc ca 472

<210> 678
 <211> 678
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (349)...(666)
 <223> similar to gi4185942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 678
 attacagagc aggtttgttt gccaaactaaa gctaaagcgg caaaggaggg agaggttcat 60
 ccctaccctt ttgcaccccc tccttatttt gaagaaaaag agtggcctga ccctccagat 120
 ctttcttttc cagaggacag tgggcgaaaa gtagttgctc cagtgactgt ccgagcagca 180
 ccttgagcga cccctctcag ttctattcag gcaggaattc agcaagctag ttgagagggg 240
 gatttagagg cttggcagtt ccctgttaga atacaccccc cagatcaaca gggaaatatt 300
 atagctacat ttgagccttt tccctttaaa ttactcaaag aatttaaaca agctattcat 360
 actaaaaaag aatgtagaaa taatcagcaa gtcagctgcc agatagggga aaaaagaaaa 420
 ctgctgagtc tgaaatatgt ccaacatgta aaaaaggaaa aactgggct aatcagtgtc 480
 actctaagtt tgataaagaa gggaacctga tttcaggaaa tgccatgagg ggcctgtcct 540
 gggccccatt ccaaactggg gcatttccag ctccaggccat tccctcacac ccgtacaatg 600
 tctgtcccc gccacagccg gtagtgccgc agtagattta tgctgcacaa aagctgagga 660
 attcctgcgc actgcgct 678

<210> 679
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (451)...(24)
 <223> similar to gi296382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 679
 ctggctacta cccctgcacc tggtcccttg ctgtccccag gcctctctgc ctgaatctgc 60
 ctctctctgc ctcttttctc ctgtccctcc aggagtctct ctgcctcaac cactctctct 120
 gccccttcac ctctctgagc tgggtgtgtc ggtccctacc tctgtttggg gagctgtctg 180
 gctctgtccc ccacctcttg gccagcctgt gtctcctgtc tatgactgag cccaattgcc 240
 tggtgccttt ctgcagggtg ttccacgagc ctatccctac ccacctgttt gtttctgagt 300
 ctgctgtgtg gtccctttct cctgtctct gcctgtcttc caagctcccc tagcatcccc 360
 tctcccgc catctgtctt tctgtccct ctgtgggnet gtctgttctt ggtggctgtt 420
 tctcaanggc tggtttcttt gtaaanntaa g 451

<210> 680
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(520)
 <223> similar to gi38032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 680

gaaacccac	aatgtgaaa	aatttggtta	attctttaac	aagtcttcaa	ccctttctgc	60
acataatata	attcatactg	gagagaaacc	ccacaaatat	gaagaatgtg	gtaatgcttt	120
taaccaattc	tcaaacttta	ctaaacaaaa	ttaatactga	aaatgttaca	aaccagaaaa	180
atgtgaaaat	gaatttaaca	aaaccttcaa	atttttctaa	acataaagga	aatcatactg	240
gtaagaaatt	ataaaaaatgt	gaagaatgtg	acaaagcctt	taaatgggtg	tcacacttga	300
ttgtaggtaa	gataattcat	actggcagaa	actcccagaa	gtgtgaagaa	tatggcaaaa	360
ctttaattcc	tataccttat	tgacacaggaa	agcatttata	cttcagaaaa	tgttgactg	420
atataaagaa	tgtagaaaag	ccattaatat	gtgcttacat	cttattcaac	attagagagt	480
tagtacttaa	taaaagcatt	ataaatgcaa	ttactgtcaa	aactcagtat	aaggttttgt	540
tttagtgtgt	gtttttgttt	gtttgtttgt	tttgtttgtt	tttttttaaa	tgagactacg	600
taatactctc	tcccaggctg	gagtgcactg	gtgcaatctt	ggtttactgt	aacctctgcc	660
ttccagggtc	aagcaattct	cctgcctggg	cctccagaat	agctgggact	acaggcatgt	720
gccatcacgc	tcgggctaagt	tttgtatttt	ttagtaaaga	cagggtttta	ctgtgttggc	780
caggctcatc	tcgaactcct	gacttgaaat	gatccatata	cctctgcctc		830

<210> 681
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(361)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 681

gttgcagcct	cagctataaa	tgcatTTTTg	atactcctcc	aacctattta	ccaataggga	60
aggtttccat	ctctgagtgg	gccccagAAC	aggaaaaggc	tctttagaaa	ttccagactg	120
caacataatt	atagtattcc	acaactctag	gcatcatgtg	aagccacagg	ttaaactcca	180
atagtagaat	tgtagtgcag	acccttaggg	ttcttaaagt	tatctgaaat	agagaactat	240
aaatgtttgt	aaaaccagtt	tatggcatgc	tattaggcac	ctgtagagtt	acagagtctg	300
accacatgac	gtcaagtaac	tatgaggcaa	gaactgcccc	tcatgagctg	ggttgcaccc	360

<210> 682
 <211> 1310
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (260)...(1311)
 <223> similar to gi4966262 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 682

cagctactca	ggaggctgag	gcttgaacct	gggagaggga	ggttgcagt	agccaggatc	60
atgccacttg	cattctagcc	tgatgacag	tgagactgtg	tctcaaaaaa	aaaatcctgg	120
gatttaatat	tcatttttgg	ctattccttac	tttcttactc	aagattttga	ggcctcaaat	180
aattgttata	gttgttcaaa	actgtattaa	tctaaaggac	attttatcaa	gaaaatttta	240
attcctttct	ctgttcagga	aacgattata	tatggaagta	tttgaatata	ctcgccctat	300
gatgcatcct	gaacctggaa	aattctacca	gattaatcca	gaagagtatg	ggcatccaaa	360
tacctggaaa	gagagtttcc	agcagttgta	taaagggtgca	catgtaaagc	caggatttgc	420
tgaacatttc	tacagtaacc	ctgcaagata	taaaggaaga	gaaaatatgt	tgtattatga	480
tactattgaa	gatgcccttg	gtgggttaca	agaggctcat	tttgatggac	ttatctttgt	540
tcattctgga	atatatactg	atgaatggat	atatattgaa	tctccaatca	ccatgattgg	600
tgcagcacct	gggaaagtgg	cagacaaaagt	tataattgaa	aacactagag	attcaacctt	660
cgtttttatg	gaaggctctg	aagatgctta	tgttggatat	atgacaataa	ggtttaaccc	720
tgatgacaaa	tctgcacaac	accacaatgc	acaccactgc	ttagagatta	cagtaaattg	780
tagccctatt	attgatcact	gtatcatccg	aagtacatgt	acagttgggt	ctgcagtatg	840
tgtagtggtg	caaggagcat	gtcccacat	caagcactgt	aacatcagt	actgtgaaaa	900
atgttgggac	tatatataac	agatcatgca	cacgggaact	atactgacgg	ataactgaaa	960
tttccaataa	tgccgttagc	tgggatttgg	gttaaaaatc	atggaaaccc	aattattaga	1020
cggaatcata	ttcatcatgg	acgtgatgtt	gggtgtgttca	catttgatca	tggcatgggt	1080
tactttgaaa	gttgcaatat	acacagaaat	aggatagcag	gctttgaagt	aaaagcctat	1140
gctaacccta	cagtggttcg	atgtgaaatt	caccatgggc	agactggagg	aatatatgtc	1200
catgaaaaag	gaagaggaca	attcatagag	aataaaatct	atgcaaacaa	ctttgcaggt	1260
gtagtgatta	cctcaaatag	tgaccaaca	ataaggggaa	attctatatt		1310

<210> 683
 <211> 968
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(705)
 <223> similar to gi5732634 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 683
cggggggatga gtaggcaccg cgggtaccac ccccccgccca cccaagctga acctgtgcct    60
ccctcacccc cgcacagcgg ctccgtcctg tccaatccag gagctggggg ccctgccact    120
ccctccctcc tgtccacac ccaacagctc ggccagtcct gtgggccctg cttccagcat    180
ccatgccaaa tccacatgt ctccccctcc ctgtcttctc atggtccagc cccagcatgg    240
cccgcctgca cccgccccgg tcccaggctg caacttctcc cccagcagct gtcctcccg    300
cagcaaccac cagagggcgt ctgtgagcgc ctgggtcagg gcctgtccct cttctgccc    360
cagctctctg tgagtccac tgcctcagg gtcaaataccc ctaagtccct cccatggccc    420
accaggccct gcacgacctg ccctcccctc ctccctctac tccagccaca caggcctcct    480
ccctgttctt ccaacacaac atgccagggtg tggctcctgcc ccagggtctt ggcaactact    540
gtccctcccc attggcctgg aatgctctga catcctgcag gtgtcagggc cacgtcacct    600
cctccaagaa gccctccctg gcttccctgcc ctggctgtcc aggtttctct gagcgttcac    660
ctttacacac caccacacc ggtaccaacc acatgttcac ctctgtgact attaacacgg    720
ctggctctgc cccaggccca gaccggctgt ggtttccagg ccctgggcct ctacaggcgt    780
gaatgctgtg atgctgtggt ctagaacat ccatgtctga accctgagtt ctgtgggtct    840
gggttacacg gactcggggc tcccttcag ctgggcccac ccccgatata tttctgtacg    900
gtgtcttcag cactgcacac atggaccaa cgtttgttga gtgaataaac tacatgcaca    960
gaggaaga                                         968

```

<210> 684

<211> 510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(248)

<223> similar to gi9999 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 684
aatccttata ccatcaccaa ttgcaccacc actgtccaca cccaccatca ccttcactgc    60
catcactcca tcaccaccag caccaccaat accatcacta accccacagc caccatctct    120
gcaaaacatc tccaccacct tcaccaccat cgtcaccatc ggtaacagca ccatcattat    180
caacagcacc cacaccgtca cctccatcac ccaccacctc cacctgcatg tagcacgcac    240
ccacctcatg ggggttctcg atgtgtctgg ggaaacagaa tgtgtttatt tgaaggtagc    300
tgctttcagg aaacaggcgc tgccagagat taaagtgaag atggggtcgg aggataaggg    360
aaggcttcca gaaggaggca agctagagct gagaggacca gggctgagtc aaacctgcag    420
aagagccagg gcctggagag aaccttttct gccccatccc ctccccttcc cctagggatc    480
cagcttccaa aggccgaggc ccaagacagg                                         510

```

<210> 685
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(385)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 685
 tagaaaccta catgaaatat acaaactctc aggaatacac aaactaccaa aactgactca 60
 agggaaaaca gaaaatctga gatctttaat aagagattga atcagcaatc aagaaacttc 120
 caggaaagag gagccagga ctagatggct tcataatgaa ttctaccaa tgtttaaaaa 180
 agaattaaca ccaatccttc aaattctccc aaaaaaatag aagaggagga aattcttaat 240
 tcattctctg agtcccgaat taccgcgata ctaaaaacag agtaagagat cacatgaaaa 300
 ctactgacca gtatctctta ggaatataga tgcaaaaatt ctcaacaaaa gattggcaaa 360
 ttaaatctag cattatatta aaataaaaac atgcc 395

<210> 686
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (137)...(723)
 <223> similar to gi2653222 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 686
 gagttccata cagcctcgga attaacgggc cgaccacgc gtgcgcggac gcgtgggcta 60
 ctttggctct agttgggttg tttggatttt ggtcctgacc tcgtttctga atgctgctta 120
 tgtgagctgg agggagagtg gacactgccc ccccatcccc tctactgcc ttgtgatggg 180
 atcttaagag aggtggggcc tcgaagactc aggtgtggcc ccactgggtc aggtgtatag 240
 ccctctcggg aggcggagga gccctctggg ggtggggagc cagcccctac cagtgtcctc 300
 ttgggtgggt agtggtttct tggcagcacc aacctggact gcctcagcca ggaccccagc 360
 attggccaca ctcccctgcc cagtgtccca gggcacaacc tgggcccata ggacctgaca 420
 cagatgcgtt ggagcctgca ggggtggatga gtctattacc tgcagtgagc ccattgtcccc 480
 acagagggag aagagctggc gagagtggca gagggcacca gcttcccgcc tcaggagcca 540
 cggcacagtc cgcaggtgaa gatggccccc acaagttccc cggcagagcc aactgtctgg 600
 ccggcagagg ctgccctggg cacaggcgtt gagcccacct gcagccaggg taaggcgagt 660
 tgggagcagc ccagcaccag cccccaggag gctgcctcac agctggcagc cagggtgggt 720
 ttccc 725

<210> 687
 <211> 2049
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (228)...(1755)
 <223> similar to gi3876451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 687

ctacaacagt	gaccaagctt	tccacaccct	ccacatgcgg	ttgtgtggac	atcatctctg	60
taaaggagca	gagcaaaacc	gtggtcacca	cgacagtgac	agactccctg	accaccacgg	120
gaggcacact	ggttacatct	atgactgtga	gcaaagagta	ttccacacga	gacaaagtga	180
aactgatgaa	attttcaaga	ccaaagaaga	ctcgttcagg	tacagctctg	ccatcctata	240
gaaaatttgt	taccaagagc	agcaagaaga	gcatttttgt	tttgcctaata	gatgacttaa	300
aaaagttggc	ccgaaaagga	ggaatccgag	aggctccctta	ttttaattac	aatgcaaaac	360
ctgctttgga	tatatggcca	tatccttctc	ctagaccgac	ctttggcatc	acttggaggt	420
atagacttca	gacagtaaag	tccttagctg	gagtgagcct	gatgttaacg	ttactgtggg	480
caagtttgag	atgggatgat	atggcggcca	aggctcctcc	aggaggagg	actacacgga	540
cagaaacatc	cgaaactgaa	atcacaacaa	cagaaataat	taagaggaga	gatgttggtc	600
cttatggcat	tcgatctgaa	tattgtatca	ggaaaatcat	ttgtcccatt	ggagtccag	660
aaacaccaa	agaaacgcct	acacctcaga	ggaaaggcct	tcgatcaagt	gcactgcggc	720
caaagagacc	agaaacgccc	aagcaaaactg	gccctgttat	tattgaaacc	tgggtagcag	780
aagaagaact	ggaattgttg	gagatcaggg	catttgctga	gagagtggag	aaagaaaagg	840
cacaagcagt	tgagcaacag	gctaagaaac	gactggagca	gcagaagccg	acagtgattg	900
caacttccac	tacttcccc	acaagcagta	caaccagcac	catctctcca	gcacagaagg	960
ttatgggtggc	ccccataagt	ggctcagtta	caactggaac	caaaatggta	ctaactacta	1020
aagttggatc	tccagctaca	gtaacattcc	aacaaaacaa	gaactttcat	caaacctttg	1080
ctacatgggt	taagcaaggc	cagtcaaatt	caggcggtgt	tcaagtacag	cagaaagtcc	1140
tgggtatcat	tccatcaagt	acaggtacca	gtcagcaaac	ctttatttca	ttccagccca	1200
ggacagcaac	agtcacaatt	aggcccaata	cctcaggctc	tggaggaacc	acaagcaatt	1260
cacaagtaat	cacagggcct	cagattcgcc	ctggtatgac	cgtgattaga	acaccactcc	1320
aacagtcaac	actaggaag	gcaattattc	gaacacctgt	gatggtacag	ccaggtgctc	1380
ctcagcaagt	gatgactcaa	atcatcaggg	ggcagcctgt	ctccactgca	gtctccgccc	1440
ctaacacggt	ttcctcaaca	cctgggcaga	aaagcttaac	ttcagcaacg	tccacttcaa	1500
atatacagtc	ttcagcctca	caacccccctc	gcccccaaca	aggacaagtg	aagctcacca	1560
tggctcaact	tactcagtta	acacagggcc	acggtggcaa	tcaaggtttg	acagttagtaa	1620
ttcaaggaca	aggtcaaact	actggacagt	tgcagttgat	acctcaaggg	gtgactgtac	1680
tcccaggccc	aggccagcag	ctaattgcaag	ctgcaatgcc	aaatgggtact	gttcagcgat	1740
tcctctttac	ccatttggca	acaacagcca	ccacagccag	caccaccacc	accactgttt	1800
ccacgacagc	agcaggtaga	gctgtgggtt	tatcggaat	gtcggatgtt	actactacac	1860
gtggctgggc	taacacaggc	caacaggaga	accagtattt	acctttggaa	ggatatgcct	1920
caagccagtg	agctcaacag	ttgacatagt	cagcctcaca	acgtctcgaa	gcttttgtac	1980
cctatttetta	cagactccct	gttaccacca	ccctctccct	cctattaaaa	aagagagaga	2040
gagaaaggg						2049

<210> 688
 <211> 649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (33)...(616)
 <223> similar to gi3165522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 688

cattctgatg	ttggagcggc	cacagctgtc	ttgcccctcc	tcacggccgt	gttgggtgtt	60
accgtggtca	cccgcagga	cacggagggg	ccaggcagag	cagccctagt	tcacctcacc	120
gggagccccc	gccagaaggt	gggcacctct	gggagggagg	gactgccagg	ccttgggggt	180
tcctgtgctg	agtcagagct	ggaacgggag	acgcaggagc	cccgcagccg	cgggaggtgc	240
atatttgggg	ctgccagggt	gcgccagggtc	cccttggcca	gccccagcg	cccctttctt	300
ctgtccccag	ggcctcgggt	tcacaggatg	gggctgccag	tgtcctgggc	ccctcctgcc	360
ctctgggttc	tagggtgctg	cgccctgctc	ctctcgctgt	gggcgctgtg	cacagcctgc	420
cgcaggcccg	aggacgctgt	agccccagg	aagagggcgc	ggaggcagcg	ggcgaggctg	480
cagggcagtg	cgacggcggc	ggaagcggtg	agtgccaaagc	tgtcccgggg	accaggtggt	540
ggtccgcagg	ggaccgacca	gccttcctcg	cccccagtc	ctactgaagc	ggacccacct	600
ctgctccctc	agcaagtcgg	acaccagact	gcacgagctg	caccagggc		649

<210> 689
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(621)
 <223> similar to gi1813968 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 689

gggcgtcggt	agcacatagg	aaggagaccc	tctcctcccg	gaggtcacccg	ccgacacacc	60
cgcagagcct	gcagatctcc	tgggacaggc	gaaggctgcg	ggaataaagc	tccctgtacg	120
tgtggcgggc	gtgctggtca	accagggcga	ttctgtcccc	aaaggccagg	gcacgggtga	180
acaccggggc	gctcctgtcc	gagcggggcca	ctggggctgt	gtgcagaaga	ccacttcctc	240
tgtgtctcgc	aggcgccagc	cggcaggagg	ccaaggcgca	gcccaggcgc	cgggaagggtga	300
gcaccacatg	gggcggcatt	gcactgacag	gcgctcccg	gagcctcctg	gggcccagacc	360
agctcccag	ccagagagag	gaggtaaagg	gaagtctcgca	gttcacaaga	gcggcaggca	420
cagctgcttc	agcaggtgga	agggcacgat	aagggtgcagg	caatgcaaat	gctcatcctc	480
ctggggcagg	caccaggcct	ggcgctggaa	cccgggaaggc	cgggtgggaca	cctgtcaacg	540
ggcatctgtg	ctgaggtccc	aggctgtgtg	tataacgctt	cccacaggca	caacactcaa	600

cactcaatgg	gggaagggaa	gcatgttcat	ttacaagcta	aagacaacat	tatcaaataa	660
agctgtgagc	cttatctccc	gacaatggcc	agcagtgacc	ccatgaccct	gtcagagtctc	720
ctccacacaca	ccacgcccc	tctgtgggat	ctgtgccccat	gttcagcagg	ttctctctct	780
ccagcacatc	tctttcatta	acttgtgagg	ggaaagctac	tgtgttattg	tctgtgggtt	840
gtaataaaca	gttttgtttt	ctgctcttag	tttgaa			876

<210> 690
 <211> 1037
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1038)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (123)...(613)
 <223> similar to gi2997619 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 690		
taaaaagtga	ggatcttttc ctttcttgta agttagaaga aataacctct tcagttaaac 60	
cttcagtga	ggttctttta gtttctgtt ctgctttcta aaaacataga ctctgttctt 120	
tagagcaact	tatgactctc atctctgctg cactgagaata tgagatagag ttcattctatg 180	
cgatctcacc	tggattggat atcacttttt ctaaccccaa ggaagtatcc acattgaaac 240	
gtaaattgga	ccaggtttct cagtttgggt gcagatcatt tgctttgctt tttgatgata 300	
tagaccataa	tatgtgtgca gcagacaaag aggtattcag ttcttttgct catgcccag 360	
tctccatcac	aaatgaaatc tatcagtacc taggagagcc agaaactttc ctctctctgc 420	
ccacaggat	tgtatataat ggctttacat ttaactagtc ttcttggaat atataactta 480	
taaaggacca	tgggccccat tctctctcca ctccctcct cctttggtgt gtaaaagtag 540	
gaatcttttt	ttagaagaca tttttcaaga tcctaaattg gagaaatttt aggaactaat 600	
aaatgacaac	tgactaggca aaagattttt atgtattttt aagtactgga agtatatgaa 660	
cattacattg	tcaatattaa aagagggata gtattgaaat gaaaactgga gaaaaaccaa 720	
attacattgc	ttttacctta gtcacttctc atttccctcct acttgtcccc tttttctgcc 780	
catgcatatc	tgtccctttt tgcactcctc ccactcccat ctgggctcct atttcaagta 840	
gtcagcatag	aaagcttaac agtttttccc gttttccctt ctttntgccc ctctgggttc 900	
tttcattgaa	aatatttttag totcttagtt gottotcaaa attcaactta caggaagttt 960	
tccccacact	tcctttgtca ggaagaattt tagattaaat tatttaactt tctttgtgtg 1020	
tatgtgagcc	gagaacc	1037

<210> 691
 <211> 701
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(701)
 <223> similar to gi4584086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 691
 ggagacagag tggggaggaa tgccctgtct cctctcccag gggccccgac caccagccta 60
 gaccagcggg actctgggct gctcaggctt cagccatctc tctcctgcca ccatggctct 120
 gcccagaaac cgtggatggc cctgccccca accctagaat gttgcagggc tttccggcag 180
 gagaggggca caggagggcg accatgggct gaggtttctg aatgacattc agcaggattt 240
 ctgccaatgg ctcatgggct cgcttcact ggtaaggatc accggtctgc cccagggggc 300
 cctggacca aacaggagca tcaggcctgc ccaggaaaca gacacctcag gtccgtcact 360
 cggaggcctg gatgtagacg ggcacagcga gcatggcaca tgggccctcg gccccggcct 420
 gcagctccgc cagagccagg ttggagccca gcccctcagc gtgtccagggt accaccagct 480
 cagtttccgc gccaccgca ccaccacaa cgatggacag caccgcgtcc ggctctgcga 540
 agggcggtt gccggggaca gcctcgggca ccagcccagc ccctgtgtcc ttcagctcct 600
 ccagccccag cgggtcaggc aagggggtca gcacctgcg cccaccactg ccgcaactgc 660
 gggggggctg ccctcctctg gggggggcgc cgggtctaca g 701

<210> 692
 <211> 1979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (221)...(1899)
 <223> similar to gi50489 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 692
 tttttttttt cacgtctgca agtcagcgtt tattgctcaa gcgtattaaa caaaaatgta 60
 gactgaaaga gacagttctt ttaaacccca tttttccgga ttttttaagc gctctaaaat 120
 aagaaaataa gaaagtgcaa gccagcaaaa acgctccaag tgcctaattc tgactctgaa 180
 acttgagctc tctgggtctg cccccaagaa gacatcagcc cgccccgggt cgctccctgtg 240
 gctcccaccc cattcccagg agcagacccc gccagcctca aagctgcagg gaggtggggg 300
 tggcctgcag acagggtggg gtctgcatcc ggtaccagtg acagcagcct ctctctccc 360
 acggtggtgc ttgtttgggg ctgtggccaa agtgtttgcc cgccccctga ctgtgtcctt 420
 ccggagctgc cgaggactgc agagagggcc tggcttgtcc cctctaggag cagctgggaa 480
 ggtgtcttgc ctgcattccc cttcaatggt tgaaaataat gattccactt gtcatgaaca 540
 ccatgaaggt atcttggcag ccagagtcac tcctgttccg aagtgggaaa cctgggaggg 600
 tcctcaaacc ccctggcagg gtctgcaggc cgccccatcc agctgcatct cccaggcctc 660
 ctggttcttt gatcttgatg gccccaggcc acagatgcat ctccgggcct ttccagcagc 720
 ccatggggga ccagtcaata caccacaggc cgggtgaagag aaaacgttca tgtcttctca 780
 gatcagaagg aaagaaacaa aaccattgtg aaggaaaaca cctgctggaa agtaattatc 840

aaagtaacag	cattccagtt	tcacagtcgc	cccaactcac	tgtggattta	ctgccgtcag	900
ctgggaggac	ccaggcgccc	tcgggacgag	gagacgcagg	gaaacccact	cctggccatg	960
gcactaccca	aagccagtgt	tattctcaca	cccaactgtc	cctgcagcct	ggcaggtggg	1020
cagtgaaccgc	ctgggctgta	ccctaagacc	ccaaaacagc	ggagatggag	aagaccgctg	1080
ccctggggcc	ttctcagtga	ggatcaagac	aaagtacttg	ctaggaggta	gagggcgctg	1140
ggtgaacctg	tgagaattcc	tgggctctga	cctgatctgt	cctgcatttt	gagtaatggg	1200
agcaaacaca	ggagggaggg	gctcagcttc	ccccggtcac	tggggccagg	gagacgtggt	1260
ccagccggtt	tacaaagcct	tggatgcagc	cccaccccca	agaacactgc	ctgtcacagc	1320
agcggccacg	tggcactcca	agctgggcat	gacagtgcgc	gggacgtggg	cagcggccat	1380
gtggcactcc	aagctgggca	tgacagcacc	caggacgtgg	gccggccagt	gtggcggtgg	1440
atccctctag	aatgactggg	tctaagtagg	gagacagggc	aggcgaccgc	gcgtggactg	1500
gtgtggattt	cacctgggag	agcagcgcca	gcctgtgtcg	cttgcgcccc	ggctctggag	1560
gaggggcccc	tgcggctccc	gggccaggac	agaggcgccc	agccctgctc	tactgtcca	1620
ggaagagccg	ctgggcagcc	tgagcctggg	gcaggtgcac	cttgaggga	agtgggtaag	1680
atcccactgg	gctgactgag	taccgggac	agaccctaag	cgtggaggga	ggaagcccgc	1740
tcagatggg	caggagacgc	agggacccac	agtctggtca	ggtccagaga	gcccactcca	1800
gcccgaagcca	tgagagagcc	aggaagagga	gctggggcca	gttcaggggt	ggggctctca	1860
agaggccgag	ccgggggccc	ttcctcgccc	tgggaagtgt	cggccatgct	cctgctgtta	1920
cgacacggga	gccactcgga	gctgactgat	ctcactgagg	cacagactag	ccaacattg	1979

<210> 693

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(728)

<223> similar to gi22333 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 693

gggcctccag	actccagctc	agttaaggctc	gccaagcagg	taggatcttt	ctggaaccca	60
gatctgatca	cacctccctg	gaggtccctt	caggcctgcc	ctccctgcc	cacctcacc	120
agacaaaaca	cttccctgtg	ccatcccca	gctctcacct	cctctcatct	gaagcgctgc	180
gcctggcaca	ccaggtccca	ccttgccctgc	ctggccaagc	cctactagga	aagtaaaatg	240
tcacctccag	agagaatcaa	ccactttatt	gcctgctctc	tccagcatct	cgcggtatta	300
cctacatgta	ggagtccctt	acccaacccc	gggcagccca	ggatcctgca	cccagtgagc	360
cctcatcaat	ggctaactga	atgggaagct	agtgaagagg	tggggctggc	ggtggtcagc	420
ctatgtcagc	cctggacaga	aggggtctcc	ctcatcctgc	agctgggtcca	ggaagcagcc	480
ctctttggag	ggctccactg	agagctcctg	ccctgctggc	tccgtaccca	cagcagggcc	540
aggtatggag	acgctgcctg	ctgtgccaga	acgagtgtct	agtggacctc	cccactagac	600
tccccactag	actccccacc	tagctcccta	gcccaccaca	ggcaccgctt	ttggttctag	660
ggttctgccc	agccagcctc	cctgtcccaa	ggccaggcca	tcccagctga	gacccctgcc	720
caggatccgc	tgcattggctg	gcattctgtgc	caacctcct			759

<210> 694
 <211> 1542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (264)...(1178)
 <223> similar to gi3183977 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 694
cttgccaagt gagtgtgggc gcaagacgcc cctcttggcc agggctctgc ccggcctgtg      60
cttcctcagc ctgtccatgc accagttagg aggcccagca caggatctgg cggccccctt      120
gggagctagc cagcaagaca cccacgtcac agtgggcaca atgacatccc aaaggagggg      180
tcaggagcct ggacatttgg ggagtggcct ggcatgggtc gggggcagta ggtggagtcc      240
aaccaccgat ctgctcctct tacagggaaa tggggagcac caaccgtgcc ttgctgccct      300
ggctgctcga gcagaggcac aagcacaaca aggcctgctg cccgctggag ggggtcaggc      360
catcacccca gcaggtcaga ctagacttcg gtggccacaa acccctatcc tgggttttga      420
aaaactttgc ttttgtcac ccttctgtt gatctccctg ctttgtgttt tcttctggta      480
acatcacata gttgtcagct gttcctcttg tttgactgcc agcccctgtg gggaaatcag      540
ggtttccagg cccaagcgtc gggcagccag ggtaagggtc agctctctct cccagcagac      600
tgagtatcgt aataagtgtg agtttctggt tggcgtcggg gtggatgggg aggataaacac      660
cgtgggctgt cgggtcggca agtacaaggg cgggacgtgt gctgtggcag ccccgtttga      720
caccgtgcac atccccgaag ccaccaagca ggtggtgaag gccttcagg agttcatccg      780
gtccactcca tactcggcat acgaccaga gacgtacaca ggccactgga agcagctgac      840
tgtgcgcacc agccgccgcc accaggccat ggccattgcc tacttcacc cccagaagct      900
gagccctgag gagctggcag agctgaagac ctccctagcg cagcacttca cagcagggcc      960
aggcagggcc agtggagtga cctgcctcta ctctgtggag gagggacagc gaaagactcc     1020
tagccaggag ggcttgcctc tggagcatgt ggctggggac cgggtgcatcc acgaggacct     1080
gctagggtctg accttcgga tctctccaca cgccttcttc caggtagcca tgagtccctg     1140
gtgggcatgg ggacatgttg agggaggcct gacgcaccat caggacgtga tgggaacagt     1200
gggctcaggc ggtgagattt gggggagtat ccaggcaggt gagccacagg ggagggtgaa     1260
gtaagaaaga ggttggtcat cactgatttg actcgggata acctagaggt acacacggca     1320
gtggcccttg tcacaggagg gatgaggagt ggccctcagt gcattaccac agggcactgc     1380
tctgggctcg gcaggaggga ggccatggtg gcctctgggc tgggaaatac tgtttctact     1440
tttgtcact gctgcaggaa ggctgtgggg acctggagcg gccgtttttg gagacaggcc     1500
tggcaggacc tcctggaggg ctatgtgtgg ggggtgggagc tg                               1542

```

<210> 695
 <211> 516
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (64)...(414)
 <223> similar to gi600118 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 695
ccccatctccc ttgcgcgaaa cgagcctcag cacgaaggcg acagagggggc cggcagggggg 60
cgcccagagcc ccgtctctgg agcacaaaaga cccccggccc ctgcgcgacc cggacgagct 120
cgcatcagc caacgactcc tgtgagaaac attccagcaa gcactcggct gctccccctgc 180
ccgccgcgct cacaaccgcg tccattccct cctcactcta aagccagccc cccgtgcacc 240
tgagaggcca gtccaggctg tgacgccgca tcctcacctc ccgcaacagg gaggtcagca 300
ggcggccgag cagcagggac agaccctcag cctcatctca tcttggcccc ggacctgcaa 360
ccctcagcct tcaaaaccac accaaagcca agcggccccc agggcctgca cttacgggac 420
agcgagtggg cccctctggg caggtactcg aacagcaggg agccgtcatc cccagcacg 480
tcggccttca gcgacagcag gctgttctta ccggac 516

```

```

<210> 696
<211> 967
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (409)...(918)
<223> similar to gil334878 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 696
cgcacagggg gaaatgaggc tcagggaggc agctctcctg gcgtgtgcct gctctgccaa 60
ccagctgctc ggtggcctgg ggcaagccgc taagcctcag tttcccgtct gcaacagAAC 120
agccacctcc gcggcatcag aagctgctgc agagtccgag gcacggagtg gtcttccagg 180
gcacggcact gtgccctggg catcagtatc tcctctgcct tgcacgcctg cgtgttacac 240
aggccaggcc cgccctgggg gtgacttgga acctcagctt ccttctgacc tgtaggcagg 300
ggccccctc aagggaagca gctctggaga aaaagtacaa catccttccc tgcattctcc 360
tgcgttcggc agggacagaa actgggcagc tttctggagc gcggtttggc aacatgtggg 420
cactgaaaac acagtgtccc ctccccagag ccagggaccc tcagtgtcag agaggagccc 480
tgcgagctcc ctccccagag ccagggaccc tcagggtcag agaggagccc tgcgagctcc 540
ctccccagag ccagggaccc tcagggtcag agaggagccc tggcttccag cacaaaggca 600
ggtgcactca gtggatcctg cagccctaca gcaacggtgg gaaccaggaa aacctggacg 660
acagggcctc ttgctcccc caccctatct ggggaagtgtg tgggaagttt ctacactgcg 720
tcacctctc tactactgtt taccttccaa ggttgagcca tcctagtggc tgctgtggcc 780
acacctgcag cccacacggc caacctctca cagcatctgt ccagaggccc aggcagctcc 840
tgccaggaac cccgcagtgg cgctcctgt cctctctccc aggttagaag cctctgctgt 900
ccacctgca tcctccatgg gaacaagggc ctgcgcgga gccaggcctg ggtttgaatt 960
ctgactc

```

```

<210> 697
<211> 811

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (23)...(812)
<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 697
tggaaccng ggagncggaa cttttacagt gagcccaagg atcatgccna ctgctctccc 60
agcctgggcc catatagcga gagtttgtct caaaacaaac aaacaaaaca ctaaaggaaa 120
ttagggcttt aaaaaaatgg aacgtcttcc ccatgccctt ggattgttaa gattttaatat 180
tattgtaaag gcaatactcc ccaaaactcat ctacagattt aatacgaccc ctatcaaaat 240
tgcagctgcc tattttgcag aaaatgacaa acatcctaaa cttcatatga aaatgagaga 300
tccagaagag tcaaaacaat cttgaaaaag aacaaagtgt gaggactcac acatttcact 360
ttcaaacctt actacaaagc cacagtaatc aagacagtgt agtactggcg taaggacaga 420
catatggact gatggaataa aattgagagc caaaaataaa ctcttaaatg cacattcaac 480
tgatttttga cagggatgcc aagaccattc aatgggaaaag aatagtcttt tcaacaaatg 540
gtaatggaaa attggataaa cacgtacata ataatgaagt tggatcccta cctcatacct 600
tatgaaaaag attaaactcaa aatggatcag agtattaaat gtaagtgtca aaactaaaca 660
cgggtgtaac ttttctgtc cttggattag gcaatagttt cttatgacac ccaaaagcata 720
agcatccaaa ggaaaacaat agagatcttt aaaattaaaa atgtatgtac ttcaaaggac 780
actatcaaga aagtgaaaag acaatccaca g 811

<210> 698
<211> 963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(964)
<223> similar to gi3599339 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 698
tggaattcaa attaccaacg ttaggcagaa aacaggggtt ctaactatag aacctacaga 60
cattaaaagc ttaataagtg aataatatga acaagtctat ccaaaattca ataacttaaa 120
tgttctaatt gcttgaaaaa cacgaagaag actcaccaac tataaaatag ataatttaag 180
tagttttata ttaaagaaat ggaattcata gtttaaaaca tgctgaaaag gaaatctcca 240
ggcatagatg tcttccttgg gtaattatac caaactttta aagatgaaat gacatcagtt 300

ttacataaat	tattccagaa	aacaaaagt	gagagaacac	ttcccagctt	attttacaaa	360
gccaacatta	tgctgatatc	aaagccaaag	acagtacaaa	gaaggaaaac	tatagaccaa	420
ttcttcttct	gaacatggac	acaaagttta	caacaaatat	cagtaaataca	tagctattaa	480
tacataaaaa	gaaagataca	ctacaactag	gtgtggttta	ttcagcaaata	gcaaggctgg	540
ttcaatattt	gaaaatcaac	caatgttatc	tgcaattttg	acagactaaa	gaaaaaataa	600
aacaccacag	gatcatatca	gttgatgcgg	caaaagcatt	tgaccagatc	aaacatccat	660
ttataataat	aactctcaga	aaactagagc	tagaagaaaa	ctttctcaac	ctaaaaaacg	720
aggaaccaca	aattaactaa	agctagcatc	acacttgatg	gctaaagtct	caatgctttt	780
cccctaaaat	caggaccaag	gcaagtgtgt	ctgatctccc	caactgctatt	caacatagta	840
ctgggaatcc	tgccatttac	aataatgtaa	gaaaagaaaa	gctatacaaaa	ttggaaagaa	900
aaaataaatc	tatccttatt	tgagattgac	atgggtgtct	agatagaaaa	tcccaaggaa	960
tct						963

<210> 699

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(860)

<223> similar to gi3002527 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 699

tttttttttt	gagatggaat	ctcgtctgt	cgcccaggct	ggagtgcagt	ggcacgatct	60
caactcactg	caagctccgc	ctcctgggtt	cacaccattc	tcctgcctca	gcctcctgag	120
tagctgggac	tacaggcgcc	tgccacaacg	cccggttaat	tttttgtatt	tttagtagag	180
acggggtttc	actgtggtct	caatctcctg	acttcatggt	ccgcctgcct	cagcctccca	240
aagttctggg	attacagggtg	tgagccaccg	cgcccagccc	gtttttaaga	ttttttatct	300
gaqaaaattgc	caattcttta	agtgttttct	ttttcagatt	tatgaatttc	tttatctttt	360
aagctatcta	taccttactg	caatttggtg	aagcagactt	ttgtgaacaa	aaattataac	420
atttactttt	gctccctacc	tgactgccac	agaactgggc	aactattcat	gagtattcat	480
atgtttatgg	taattcagtt	atgtgcacaa	gttcagttag	aatctgctgt	ctttataatg	540
ggatatagtt	taaaacattg	gttatattac	caaggctttg	attgggatgt	tatatattgag	600
aaaatacaga	gaatgataga	ttaacggagt	gtctaattcta	tcgtgtcaac	cccaaatttt	660
tacgtatgag	atccttttagt	ccacccaatg	gctgacagta	acagcatctt	taacacaact	720
ctttgttcaa	atgtactatg	gtctctttta	gagtcagact	cctagactca	cttggttctca	780
ctgtctgttt	taatttaacc	caggcatgca	atgctagata	ataaaaattgc	tccttattgg	840
ctgatcaaaa	aaaaaaaaaa					860

<210> 700

<211> 451

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(451)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 700
 gcactcggag cgagcacaaa atgattacac aattgctcaa gtaggacttt atcccaggaa 60
 tgcacggatg gtttcatatc tgatcaatta gtataatata tcctatcaat ataaggaagg 120
 gacaaaaaca agatctcaac aggtgcagaa aatcatttga caaaatccaa tgctcttcat 180
 gataaaaaaa aagaacctca acaaactagg aatagaagta aattttgtta acttaacaaa 240
 cagcttctgt gaaaaacctc agttaacat catattccat gataaaagca tgagagtttt 300
 gccccagta tcaggaacaa agcaaggctg cccactcttg tacagcgtag tggaaattcc 360
 tgccagggtcc ataatgcaaa aatatgaaat aacaggcata tgattggaaa agaaaaagta 420
 aaactatctc tggttgcata caatatggcc t 451

<210> 701
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (24)...(452)
 <223> similar to gi5851985 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 701
 cctgaggact tctgcacgag cggcaagcag aggccagatg ctccatctgt ctggactacc 60
 tgagacaccc aatgaccact gattgcaggc actacatctg aagtgcctgc atccaccaat 120
 gctggtaaga attacaggac atctctccct gtccctgtctg cctccagcac tgcctgaca 180
 agaacctcaa gaggaacctc cagttatgcc acatgaccga tattgctaag cagcttctca 240
 ccactgcaag gcgcaaaagg aaactgcagg gagaggagcc cgtgtgcagg aagtcagatg 300
 tggccctgtt ctgtgagaag gatcctgagc tactgtgtca ccagtatagg gtctccctcg 360
 accactgaga tcacccccga tgcccattga acaagctgca gctaagcaca ggaagcagtt 420
 cgagagctac attgaaccct tggaaaagca agt 453

<210> 702
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (232)...(532)
 <223> similar to gill144514 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 702
 aattcggcac gagacctgga atatgatggt gaaccccagg cccctggaat atgacagtga 60
 accccagaca cctggaatac aacagtgaac cccagacacc tgggaatacga cagtgaagccc 120
 cagacacctg gaatacaatg gtgaacccca gacacctgga atacgacagt gaacgccaga 180
 cacctggaat atgatggtga actccagacc tctggaatat ggtggtgaac cccaggcccc 240
 tggaatatga cagtgaaccc cagacacctg gaatacgaca gtgagcccca gacacctgga 300
 atacaatggt gaactccaga cacctggaat acaacgatga accccagaca cctggaatac 360
 gacagtgaac ccagacacc tgggaatatgg tggatgaaccc caggccctg gaatatgaca 420
 gtgaaccccg taaacctgga atacaatggt aaacctaga cacctggaat acaacgatga 480
 accccagaca actggaatat gaaagtgaac gccagacacc tggaatatga tggatgaaccc 540
 cagacctctg gaa 553

<210> 703
 <211> 306
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (288)...(133)
 <223> similar to gi537530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 703
 tttttttttt ttttttgtca tcttagaata tttaatcagt tagcactaga tgaaggctgg 60
 agtaggagag actgggatag tggggggcaa tgtgggatg gaggcagggc gagggagata 120
 aagtcaaaact ggtttttttt ttgttttttt tttttttttt ttttttttgg agacagagcc 180
 ttactctgtc gccagggctg gagtgcattg gtgtgatctc agctcactgc aacctctgcc 240
 tcttgggttt aatcgattct cctgcctcag cctgggcaac agtgagaccc tgtctcaaaa 300
 aaaaaa 306

<210> 704
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (12)...(594)

<223> similar to gi216918 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 704

gaacttgtct	acgacgccga	tggtactgta	aggagtgcgc	tgagagcggt	actgcctgct	60
gaagaaagta	catcgagtta	gtatggaagg	agctcgaaga	aaagtttgga	tttaaagtcc	120
tctacattga	cactgatggt	ctctatgcaa	ctatcccagg	aggagaaagt	gaggaaataa	180
agaaaaaggc	tctagaattt	gtaaaataca	taaattcaaa	gctccctgga	ctgctagagc	240
ttgaatatga	agggttttat	aagaggggat	tcttcgttac	gaagaagagg	tatgcagtaa	300
tagatgaaga	aggaaaagtc	attactcgtg	gtttagagat	agttaggaga	gattggagtg	360
aaattgcaaa	agaaactcaa	gctagagttt	tggagacaat	actaaaacac	ggagatgttg	420
aagaagctgt	gagaatagta	aaagaagtaa	tacaaagctt	gcccaattatg	aaattccacc	480
agagaagctc	gcaatatatg	agcagataac	aagaccatta	catgagtata	agggccgata	540
ggtcctcacg	tgctgttgca	aagaaactag	ctgctaaagg	agttaaaata	aggc	594

<210> 705

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(422)

<223> similar to gi3327206 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 705

tggtatgtta	ggcctccaaa	tccattttat	aggtcattat	acccaaacat	tatccaggat	60
ttagatacta	tagaatccac	ctagcgggtg	gggcgacgca	gcttgagag	gattcaatac	120
cactctgaaa	atagtaaagg	tgtctatggt	ttacagtacg	atgatgaaaa	aattatcagt	180
ggcctacaag	ataattaaga	tttgggataa	aaccagcctg	gaatgtttga	aagtgttaat	240
ggccacacag	gttctgtcct	ctatctgcag	taggatgagc	gtgtcattgt	aactggctct	300
tcggattcta	cggtgagagt	gtgggaagtg	aacacgggtg	aagttcttaa	cacattaatc	360
caccacaatg	aggatgtact	gcacttacgc	ttcagcagtg	gactgatggt	gacctgttcc	420
a						421

<210> 706

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (996)...(344)
 <223> similar to gi3002588 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 706

ctttgtggca	tcaaatcatt	atgtttgtat	gtttggaagg	ccacgccatc	tatcctccca	60
cccagggcag	gaattttctg	tcccactttt	gctttcctgg	aggtgaaata	ggaagaacaa	120
ggacccatgc	tcaagtcccc	aaagaatggc	aggatgccct	cagtggaggc	agactgtatt	180
taaatgcaat	tcacctcttt	gggtcttagg	aaaagccacc	cgtagggttca	tttgctggga	240
aacacggtct	gcgtgcctga	ggcagtggac	accaggggtg	tggccttgcc	aagagctgac	300
tttctccgga	ggtctgtctg	ctgtccggag	tggcagccac	ttcgggtggc	aaataggacg	360
gtcatctctg	ggcccaagga	cgctgcttca	ggctgggacg	ccttgagggt	ggctggctgt	420
tcaggctttc	cggaggtggg	atgggaggtg	taatgtttgg	tgggaggagg	gctgtaattc	480
tgaatctca	cgtttttgac	ttgcttttcg	atgccatttc	ttgagttttc	tggtttcacc	540
aggatggatg	gtggggcaga	tcggggcggt	tttggcagag	gctcactctt	gatggggatt	600
tctttgtctt	ccataatgag	ggagctggcc	gcggagtgga	tccgggcctc	actgcccctg	660
ctgatgcacg	tgagggcggg	ctccccctg	agggcaggct	tggaccccat	ctccaccacc	720
acggctgagg	gggaggagg	gatccccctg	ggctggtaga	attggaactg	ctgaggccga	780
aggaccatgg	tggggctg	tctgaggag	cctaccacga	gagtggggat	cccggactgg	840
aggggtctct	gcagggatcc	attctttctc	atgctgctcc	gccctttccg	aagagaccct	900
tgctcctaa	tcccagggcc	ggctgtgctt	ctcacggggt	tgactatggc	agtgggcaca	960
aagacggatt	tgaagggacg	gctttgccgt	ggatcacctt	ctgaaatgct	gccttgggag	1020
gacacagagg	aggtggataa	cgtccatgtg	gtgtagagac	cagggctccg	ggagtctgga	1080
aaactagagg	tctttctgaa	aatggggatg	acggtaattt	ggtttgcaaa	gaatgccgac	1140
ttcgccccgt	tggaccaagg	gggacggccc	cctggaggcc	agaccggg	ctgg	1194

<210> 707
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (29)...(768)
 <223> similar to gi530876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 707

gacagagcgc	tggaattccc	ggaggaaggt	ggccccgctg	aacaggtgag	gacccccgcc	60
gggacgcggg	agagcggctg	ctctggccgg	ggcctccccg	cgccccagtc	tcgagtttcc	120
tgacgcccc	ggcccagggc	tgcagcggt	ccaccacgg	ctccagccct	ggcgctgggc	180

ttagagtgtg	ttccccaccc	gaacccccacc	agctgttgca	gacctcacag	tccagtcccg	240
gagtcagata	gtacgaggaa	aaagtttcta	ttgcagccgc	acagcgaaga	aacgctctca	300
gccccctccc	cttgagcgcc	tgggtcgctg	ttgagcccca	ctcctgctcc	ctcgtncact	360
cccgcctcct	cgtccgctcc	caaacccccac	tctctgtcct	gatgtggagg	aaagctgccg	420
ctggacttcg	ggtttccaga	atgaggcccc	aaacaggggtg	actccagagc	tagttgaaat	480
tcagcactta	actgtgctct	ttgggtaaac	ctgggcgccct	tccagaaagc	atgtttctcc	540
ccaaaaccca	gttctttccc	tttccttatt	cctctgcccc	gtttcagaga	tcacaagggg	600
gtcatctgag	tcaggaagta	aatggtcagt	tctctgccgc	agccacccca	ttgttcacat	660
ttaaaacgcg	gcttgggccc	atccagcaag	tattagaact	tgaaggcact	tttatcatct	720
tgtatgatcc	tggtgatttg	gactgacttg	gatctgcggc	ttgatgct		768

<210> 708

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(447)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 708

tggggcatgg	gaatggattc	tttatcctgc	cccagcccac	caggatgctg	gttaggctcc	60
ccctagccct	tgccgacctc	tccctcctag	gcccttgacg	tcccgtttat	ttctcccata	120
cagccttggtg	acaccgaggt	aaaagtgtat	gtgtgtgcac	agggccatgt	gtgcgagcac	180
gtgtgcattc	ctgcatatgt	gtgctgcgtc	cgtgacatgc	atgtgcagga	gtgcagtatc	240
cactgcccgtg	tgtgtgcatg	tgtgcacatg	cccctggcct	tgtgtgtatg	aacttgtggg	300
gcttgtgcat	gtgtatgtgc	aagcgtccac	gtgtgtgcgt	gtgtgggggtg	ccccatcctg	360
gggaaggtgt	atctgcagga	tgctcgtgct	aggaagctca	gggccatcat	tttccaaccc	420
ggctcaagcc	ggggaattcc	accacgc				447

<210> 709

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(822)

<223> similar to gi3875920 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 709
ttttttttgc tgttggttgc cttactttta tgctgaccta gcagccccga caggaagctt      60
taacataaag ccttgaccct gagaagcatg ggtgcgtctt gtcgtgagca gggtcatggc      120
tgtgctccat cctcagcccg ctgatttttg gtcttttgtc ctttgatcca gcagttccca      180
cgtggatggt gtactgcttc tgccttgat gttgatgccg tgggcaagtca ggccccggcg      240
caggggtgtcg catgcttcca gcaggggctg cctttctagg agctgctgcc gccgggctc      300
ccccgtggcc tcgggcatgg ccagcgcaaa ctgccggacc ttctgccgga accgcaccag      360
ctcgtccacc acaccatgca aggtagcctc gctgccgtct cctgaaacgt actggtgatt      420
tgccagagaa attccaacag tttcaaaaaa ctgttcaaag taagagatga tggcaccaaa      480
cacagcagga cttctcggcc cttcaggttc cttcagggac gccctgagct gtccattccc      540
gtggtgtgca aggccagga tggcatcaac caccctgggt gtgtcaaagt catctgcca      600
ggccgccttc acggccctct tgggtgctgga gagcctgagg gaagaggaga gaacagtcac      660
agcagaggga gtcctactct cccagggcgg cccccacacc agtccttccc cagggagaga      720
cgctgggggc tctaactctg ggactttctc taggtcatat tcccaaagac ttgagttcct      780
gagtagcaga aaattatgta acatcaactg caaactgtca tg      822

```

```

<210> 710
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4) ... (418)
<223> similar to gi286009 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 710
gtaataatca tatcaggaat tatcagttca ttgcctagca caggaaatga caaacatgaa      60
aggaaggtcc tgttgatttc actaagcccc agagatcctg tataatctact atgagaaatc      120
attgaagttc tgcaaaaagg agatggaaat gcacacagta ataaaggtag agaaatctgc      180
agatatgagc tcctagaatc catttctcta gctttgtaa gcttcctgca aggacatgcc      240
caagaggtgg tgctagataa gtccgcgtgt gttggtatct gacattctgg gatctgccac      300
tgagatggtt cagcccgcga tgaatgccat tgccagcttg gcagcagtgg aactgcaacc      360
tagtggcaag gaccgagagc ttcacattgc agaacatcct tcaggacatc tagttg      416

```

```

<210> 711
<211> 769
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (770)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (498)...(769)
 <223> similar to gi2055431 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 711

accctgtctc	tacaaaaaca	ttttttaaaa	acttagccag	gcatgatgac	acacacctat	60
agtcctagct	attcaggagg	ctgaggctag	aggatcactt	gaggccagga	atttgaagtt	120
gcagtgaagt	atgatcatgc	cttgccactg	cattccagcc	tgagtgaagc	agtgccgacc	180
tgtctctaaa	aaacaaaagg	aaagtgtgtt	acctgtagga	actgtgaatt	cagtgggttt	240
tgctggtggt	tctgatcctg	tggggccagg	atatttcgaa	ttaccttgta	agtgacttgg	300
aatttttcat	cagcactaag	tcagcccttg	atatttattg	acatagtatt	cgtgtgtgtg	360
attgctcttg	gcagttggtg	tcactagggt	tcctaccgta	gaagtgtccg	gtaccctgaa	420
gacacccatg	ccactgttgt	gtttgatatt	gacgccacat	atagacagga	gtccaccact	480
gtgttccatt	tcacaggtac	gctacgggcc	atgacatcac	agagcactct	gtgctgatcc	540
acgagtacta	cagccgagag	gcccccaacc	ccatccacct	cactgtggga	cacaagtctc	600
cagaacgggc	cgcagtgggc	atcaaagcct	tacggtcagc	acttttaatg	gggagttcct	660
ggggagggac	ctgggggagt	gatgtttcaa	ggcttttgaa	agtgaattag	ggttattagg	720
acattgaagg	cttnggggtg	aactgatcat	ggaggactgt	tttaggcca		769

<210> 712
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (27)...(800)
 <223> similar to gi4558641 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 712

ctcactcact	cctgcttggc	acgaggggtcc	gagatgcttc	tagcaagatc	cagggcgagt	60
acacgctgac	cctcaggaaa	ggcgggaaca	ataagctgag	cagggctctc	caccgagatg	120
ggcactatgg	cttctcagag	ccactcacct	tctgctccgt	tgtggacctc	atcaatcact	180
accgccacga	gtctctggcc	cagtacaatg	ccaagctgga	cacacggctc	ctctaccctg	240
tgtccaaata	ccagcaggtc	cgtgctggcc	tgggagccag	ggagggtagc	acctggctgg	300
ccccaggcct	cagtttctta	ggtagaccgc	accaggctat	gcatctcccc	tcattccgcc	360
acgtatctcc	aggaccagat	tgtcaaggag	gacagcgtgg	aggcagtggt	cgcccagctt	420
aaggtctatc	accagcagta	ccaggacaag	agccgcgagt	atgaccagct	ttatgaagag	480
tacacacgga	cctcccagga	gctgcagatg	aagcgtactg	caattgaggc	cttcaatgag	540

actatcaaga	tctttgaaga	gcagggccag	actcaagaga	aatgcagcaa	ggaatacctg	600
gagcgcttcc	ggcgtgaggg	caaccgacga	aagagatgca	aaggatcctg	ctgaactccg	660
agcggctcaa	gtcccgcatc	gcccagagatc	catgagagcc	ngcaccgaag	ctgggagcag	720
cagctgctgg	tgcccagggc	ttcggacaac	aagagagatt	cgacaagccg	cattgaacaa	780
gcctcaagcc	ggacctc					797

<210> 713
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(411)
 <223> similar to gil542813 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 713		
tacgcctcgc	ttggcacgag	gggtggcgac
gttggcagcc	gggccaggca	gccctgtgaa
gcacctcatc	aactccgggg	tgggcgtgac
aggtaccccc	atctccctcc	ctcaggccta
cggagagggga	ggggctgtcc	ctgggctcct
tgccccaagg	cccaccacaa	ggctccctcc
ctctctggct	tggcctgctc	tcctggctct
	cacctgcgct	cggtccctct
	t	
		60
		120
		180
		240
		300
		360
		411

<210> 714
 <211> 1390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (210)...(1347)
 <223> similar to gil77179 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 714		
tttttttttt	ttgtgggaga	tgttttattg
cccccagcag	gtccccacgg	tggagccgag
ttcaaagaga	tctacatatc	tacagagagg
atcatgaggg	ctgggccctc	atccccaccc
cagaaacaga	cttcacagga	tgcacagagg
	gaagccagag	gtgtggggcg
	ggcccggggg	
		60
		120
		180
		240
		300

gccggggctg	cgagggacct	caagggcgaa	tgccactggc	ctgtccaaac	caggcaggag	360
agaaagtaag	aggaggaaaa	caattgagaa	cataacgatt	gtgtcttcgt	cagccgttcc	420
ccccgacgcc	tactggaaaa	cggttatttc	gtttttgagt	aagggcaaga	agtgtcctgc	480
tcaagccacc	cctccgctca	gggaaggcca	ctgcccggca	aagccttgtc	tttgagggcg	540
gtgccttccc	tgggcagaga	ggggctgccc	cggccctggg	gctccatggc	agggcacaaa	600
aggagaggca	gagccccaga	gagggaaagg	ggctcctggg	gccaggctgc	tgagaggaaa	660
taattgcctc	tttctgggtg	aggaagagct	gccttcctga	tggctggtgt	cctgggatgt	720
ggggcatttc	tctggggtag	ccattgacgt	catttcctta	gcagcaggag	agcgggtgag	780
aattcccagg	agacctcagc	ctgggtgggc	gcttggtgga	aagtgggctc	agatgaggtc	840
ttcagatggc	agcagtaggc	tctggctgct	tggggtccac	caggagctgg	gccaggcctc	900
ctgggtcctg	ctgagaagca	ggtaggggag	gtgacctgca	gctctgtctc	ccttggggat	960
ctcagttcct	gttgagactc	acagcctgaa	gacctctgtc	ctcagggtct	ctcctcatca	1020
cacaagatgg	ggagactgag	gcccaggggg	gggaaggggc	agccaagtct	catggggaaac	1080
tcggggggtt	tcaacccctg	ggccatggct	ctgcccaccc	tgacgagccc	cgggctgcct	1140
ccgttcactg	ccgcttgctg	gccctgtttc	tggctgagca	ctgggtctat	acatttccgc	1200
gttgccctct	ccacggcagg	gggactgcca	catggcctct	ccctctcccc	gtgcctccct	1260
ctgccaccaaa	aaagctgggt	agggcgaggc	atcccaaggg	ccctgatgcc	cctgaaaagtc	1320
tcccttctag	ggggcagccg	gtccatcttc	agggagctca	gcacgtgtct	cagcctaggc	1380
agacgcttgg						1390

<210> 715

<211> 956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(944)

<223> similar to gi1032389 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 715

cctcaaagg	ccccactgca	ggattttggc	tcctcaaagg	tcgtgaaccc	gaaaggctca	60
tccccgggg	cttagtcaaa	gcccccaatg	gggagggggc	cccacaagaa	aggctggagg	120
ggccctttag	ggggtgggtt	tcccctgaaa	agcccgccct	tcccccaaag	gaaattttcc	180
cctaaataaa	aaaaacagcc	ctgggcgcca	aaacgcccac	cttgggtgtca	agggttattt	240
gggggggggg	gaaaaagggg	ccttttttgg	gttttttttt	tgagccccc	aaaaaaaaag	300
aaagggaag	gggtcttacc	ccaggcaagc	ggccaccccc	ggcaggaggg	tccccgggca	360
ggagcgtccc	agccactccg	cagtcactcc	tgaccagaaa	aagaacaacc	acagctgggc	420
ccagcacccc	gggcactccc	ctgcagctgc	ccacacatct	ggcagctggg	tccatttatg	480
caatgtggat	cgggcttctt	acatctgaaa	tctgcgtctc	tatccctcct	ctgagaccag	540
tgtctcctgc	cagcttccat	ggccccggga	tgacctcact	ctcccagggt	ctccctgcgt	600
cctgggagct	ctggccgagg	agcagcagg	gctgatggca	gagcgggggc	aggctcagagc	660
tcagcagatg	gggtccctgaa	tacacggggg	atgtgggagg	ggccaggggg	ctggggatgc	720
ccaggatttg	gcacgggggt	ctctgtgtcc	caccactccc	tggcacaaaa	gccccagcct	780
caggaccccc	gtcacaggca	cccgggggtg	ggggtgacca	gcagcagttc	agaggcagggt	840
gtgggcaatg	tgggcctgag	tctcctcccc	actcacgtca	ctgcccgcgg	ggacacagcg	900
gcattttctg	ggcactcggc	atgccggggt	cgctcgttcc	acgcgaggcg	tattga	956

<210> 716
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(1505)
 <223> similar to gil032389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 716

atcatcatta	ctccttgctt	ggcacgaggc	cagaaggagg	gaattctgct	gcggcgactt	60
gactttccag	gcccggagca	gaaaggcatt	ggcatttgta	ggcggtgacc	cgcccccttct	120
ctggccttgc	caagagtcac	atccctgccc	aggggcacct	ctggcccttg	aacttgccctg	180
ggcagaggca	gcgtgaaggg	cctgaacaag	aggagaagaa	gggccttcct	agtagaggca	240
cagcatggac	aaaggctcac	aggggtgggg	gtgcccagtg	atcgagtcct	ggcttgggaa	300
ggaaggtctg	agttccctag	gaactgaaat	ctgctagcag	cactgtgaga	gaggtgtatt	360
tccccctcct	aatgacagag	gaaactgagg	cttcagggag	gggtggattt	gcccttgaca	420
tgcagatagg	aggaggagga	actgctgtg	ccccctgggccc	tgcaggcccc	cacaccctc	480
cccagtcctc	ttcaagacct	ggcatggttg	gaggagggag	ggggaagtgg	agaggggagc	540
atagggtccc	tggggcacca	aggagagag	gggcccagg	gtaggggaatc	taggaatgtc	600
gctttccttg	gagcagtagc	gaaagtcaca	gggaagatca	ggaggatgga	cagctgagat	660
gggagacagg	agagatgagc	cccaggaccc	ctggggagccc	aagctgtccc	ccacatccta	720
gcctctcacc	ccacctggag	cttcaccaag	ggctcctcag	cagtgaagtg	gcacaagcct	780
cccagtttgg	tgggcaagtg	ggggtgatct	tgggtgtgtg	gctcctggag	acacgacata	840
accaggaggg	tgaagggata	aacctggggg	gggctggggc	tgaaacccat	ggcatgaccc	900
caattctctc	tctcaagct	cgacccccca	tccccaggat	cacacaggag	aatctcatcc	960
tcacggcttg	gattgctcct	gggggcccc	tgggtgtgtg	ctaactgggtg	tacaatgtc	1020
aggagcagcc	cagaggggag	ccgggaagg	accctcgccc	ttaccatcta	tccccatttc	1080
cgcctctctt	gcactggtac	ccggggcgcc	acgttctcag	ttcctgggac	tgaaaactgc	1140
agcagtctgg	ccagctccag	ggacagagag	gcccagccac	ctactatgta	ccctcctcag	1200
ctgcccactg	gactcaggtc	ctgaatgaag	ctgtccgcct	gcctcatgcc	aaaagcggct	1260
ggacagtggc	tgcctcatga	cccttgagct	ctccacatc	cagggcctga	tgacatgccc	1320
ccttgtccca	agtttcttgg	gaacccctga	ccctgctggc	ccctctcata	caccccaacc	1380
ctatccaccc	tggaccacct	ctgggggtct	gtcagcctgc	tgggtccccc	aacagatctt	1440
tgggggcagc	ctctatggga	caagagtgac	acagggctgg	agaaaaggag	tgaggagccc	1500
tcttg						1505

<210> 717
 <211> 705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (59)...(691)

<223> similar to gi2981631 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 717

tcttacgaat	tcgccacgag	atgagaccag	gagtggccac	atgttaggca	caatagggttt	60
taagccaaga	atgggttatga	gagacaaggg	aattctatac	tgataaaaag	tttaatccaa	120
caagaaaata	taataattta	aaacatatgt	gcctaacaac	agagcatcaa	aacatatgaa	180
gtaaaaaagg	atagaattaa	agggagaaat	agagtttcag	gatgatcatt	ggagacctca	240
ctacctcaat	gttaataata	cagagaccag	atcaatagga	aagagagcac	ttgaacaaca	300
tgataatcca	attagatcta	atggtcatat	gcagacacca	acccaacaac	agcaaaaatac	360
acattctttt	caagagcgtg	tgggatattg	tccagagtat	acagtgtatt	aggctgcaaa	420
acaagtatta	atgtttttaa	agattgaaag	tatccaaagt	gctaagtatt	ttataatcgt	480
catggaatga	aactagacat	cagtaaccag	caaaactcga	aaactcaca	atatatggaa	540
agtaaacaca	ctcttaaaca	atcactgggt	gaagatgaaa	tcatacagga	aattagaaaa	600
cacttttgaga	tgaataaaaa	tgaaaacaca	acataccaga	atttatggga	tgacagttaa	660
gcagtgtctca	gagggaaatg	tatagctgta	agcatctacc	tttaa		705

<210> 718

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(488)

<223> similar to gi487785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 718

cgaattcggc	acgaggttgc	acagaggaga	ggcgccctaa	gaatgtaagc	attgtgggaa	60
agcattcata	tctgccaaaga	tcgtttgaat	acatgcaaaa	cacacactgg	agagaaacct	120
atgaatgtaa	ggaatgcaaa	caagcattca	attatttttc	ttccttgcat	atacatgaaa	180
ggactcatac	gagagagaat	ccgtatgaat	gtaaggattg	tgggaaagca	ttcagcttgc	240
ttaattgctt	tcatagacat	gtaaagacac	accagaagga	aaccctatga	atgtaagcaa	300
tgtggcaaaa	gctttcactt	cttccagttc	ttttcaatat	catgaaagga	ctcacactgg	360
ggagaaaccg	tatcaatgta	agcaatgtgg	gaaagccgtc	agatcagcct	caagacttca	420
aatgcatgga	agcactcaca	cttggcagaa	actctatgaa	tgtaagcagt	atgggaaagc	480
cttcagatcg	gctaggattc	tttgaataca	aataatgaat	gtaaacaatt	aactgtttat	540
aataactgta	tactaacaaa	tgttattcct	tttaaataat	taagaagcta	taataaaata	600
tccattggtg	tcatgtatta	gatccaa				627

<210> 719

<211> 716

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (194)...(620)
 <223> similar to gi4972116 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 719

tggcaacaga	gcgagactcc	atctcaaaat	aaataataaa	ataaaatggt	ttcctcctgt	60
tttcagtaga	gatggagatg	aatccatccc	ttttttccta	tagtaattcc	atccattctg	120
tcaggaggaa	taggtattgg	aagcctgttg	agcatccagg	ggatcaagg	gtgttagaca	180
agtggattct	tatctttctc	ccttctgttc	tttctcctta	ggaccagctt	tatccaggga	240
ctctaccatt	cccacccctt	tggccccact	ccacgacaac	cacttcccca	tcttctcctc	300
tattctggtc	tccccgtccc	ccacgccttc	ccaccagcgy	tcttccccag	gttccccccac	360
tacctctccc	tcagatccag	gccctcagct	cagcatgggt	ggttctccct	ccaggaaagg	420
gggaggaggg	accaggacct	gagttgcata	gcggctgcct	ggatgggctt	agaagccttt	480
ttgagggacc	tccctgcccc	tatcctgggg	cttgataacc	tttccaagtc	cctggaactg	540
cccacccttc	ccctgccacc	ccgtcaggag	atcctagtat	ggaggaacat	ctgtctgtca	600
tgtatgagag	actgagacaa	gagcttccca	agctcttact	tcagtcccac	gactacagtc	660
tgtattcctt	ggatgtggaa	ttcatcgaat	gagagcctta	acatacgtac	caaggg	716

<210> 720
 <211> 1139
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(1137)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 720

gggaaatctt	cccagtgggc	agaacttcaa	gcagtgtacc	tggttgtgca	ctttgagtgg	60
aaggagaaat	gaccagatgt	gtgattgtat	tcagattcac	gggctgtagc	cagtggcttg	120
gctggatggt	ccgggacttg	gaagaagcat	gattggaaaa	ttggtgatga	agaaatttgg	180
ggaacaggta	tgtggatgga	cctctttaag	tggtcaaaaa	ctgtgaagat	atttgcattt	240
cacgtgagtg	ctcaccaacg	ggtgatccca	gcagaggagg	attttaataa	tcaagtggat	300
aggatgaccc	gttctgtgga	caccttcagc	ctctttcccc	agccacttct	gtcatcatgc	360
aatgcgccctg	tgaacaaaaat	ggccatagtg	gcagggatgg	agtttatgca	tgggctcagc	420
aacatggact	tccactcacc	aaggctgacc	tggctacggc	cactgctgag	tgcccagttt	480
gtcaagcagc	agagactaac	accaagccct	tcgatattgg	gcaccattcc	ttggtgtgat	540
cagccagcta	cctgggtggca	ggttgattat	attggacttc	ttccatcatg	gaaacggcag	600
tggtttgtcc	tacttggaat	agacacttac	tccggatatg	ggtttgctta	tcctgcacga	660
aatgcttctg	ccaagactac	catccgtgga	gtctcggaat	gccttatcca	ccatcatggt	720

attccacaca	gcactgcctc	tgaccaaggc	actcacttta	cagctaaaga	ggtgtggcag	780
tgggcttatg	ctcatggaat	tcactgggtct	taccatgttc	tccatcatcc	tgaagaggct	840
gcaaagaacg	gtggaatggc	cttttgaagt	cacaattaca	atgccaaacta	ggtgacaaca	900
ctttgcaggg	ctgaggcaaa	gttctccagc	aggccgtata	tgttctgaat	tagcatccaa	960
tatacggtac	tgtttctccc	atagccagga	ttcacgggtcc	aggaatcaag	gggtgaaact	1020
gaactgacac	cactcaccat	cacccttagt	gatcccctag	caaaattttt	gcttcctggt	1080
cccccgacat	tacattctgc	tggcctggag	atcttagttc	cagagggaga	aatacgaaa	1139

<210> 721

<211> 1112

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(960)

<223> similar to gi5305335 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 721

ccccgatggcc	gtaaagcatg	gggtgggggg	gtgcctgcct	gcattgcagc	tgtcagagct	60
gcacagagcc	tgcgacaccc	agccatggct	tctgcccacc	aggccacgtc	cctccgctcc	120
tctgaatcct	tccagttcct	cttaggccac	ttaaacycca	ccgtctccac	gaagtccgtg	180
cggatcacc	tcataggaag	tgacaaacca	cgttttgaac	ccctctcccc	accagcaag	240
cccctagccc	gcgagcatag	gatttccttt	ctagaacacg	tgttctgtga	agggccagag	300
gcaatatttg	aggcctcgtg	ggccacatgc	tgtccctggt	gcatatcctt	ttttttgttt	360
ggtttggtaa	actgcttaag	ctggcagaac	aacagaaccc	gcacattctc	cacgcagccc	420
agcgcccttg	gccatgcagg	gctgtgcctt	ctgccagctc	tggaggccca	ggggctggca	480
tgggctctcc	gtcctgagcc	ccccatgtac	attgcaccca	tactgggaac	gcccccagga	540
tctgctgcga	gaccccccaag	gaccagcttc	tgagtcctg	gaagggctct	cctgaccccc	600
aagtccgcca	tcttctgatg	gtggcaggtg	ggcacagtca	ctggctgagc	gaccaagggg	660
cagtgaatt	actaggccgg	cgctgcaccc	aactgaaatg	aactcacgtg	tcctcacaac	720
tcctagcagc	agatgctgtc	ggcctcgcat	cctacaggaa	aggaaccatc	gccaaaagac	780
gctgaggaac	atcccagagg	tcacagggac	agtgcagagc	caggaccagc	ccggcccatg	840
gtcccccagc	gtgcaccacc	tggcccggca	ctgtgtgtct	agccatgagg	actgggaaga	900
gtcctgcccc	cagctcaagt	gtctacaccg	cactgccatc	caggctgtga	gccgctgctg	960
agcatgggga	atgtggctgc	tgacagagcg	ttatgaaaca	cttctaaaag	aatgtaaaag	1020
atctcattaa	taattttgag	tacctgttaa	aatgatagta	attttggatc	tagtagatta	1080
aataaaacat	attattaaac	ttaaaaaaaaa	aa			1112

<210> 722

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (10)...(681)
 <223> similar to gi537432 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 722

gcggatgtcc	ccggggcaca	gcgagcgggt	cctgggtgacg	gcccagagcc	ccgggacccc	60
ctggactgtt	gggcctgcgc	tggtcttgta	acagcccaga	atctgctggg	ggctgccttc	120
aatcttctcc	tgctgggtgt	ggtgctaggg	accatcttgc	taccgcgtgt	caccatgctg	180
ggcttcggct	tcctctgcca	ctctcagttc	ctgcgctccc	aggcaccccc	ttgcaccgcg	240
cacctgcggg	accccggttt	cacggcccta	ctggtcaccg	gattcctgct	cctcgtgccg	300
ctgctcgtgc	ttgctctggc	cagctaccgc	cgcctctgcc	tgcgccctccg	cctagccgat	360
tgccctcgtg	cctacagccg	agccctttat	cggcgtcggc	gcgccccgca	gccgcggcaa	420
atccgggcct	caccaggggtc	ccaggccggt	cccacatcag	gaaagggtctg	ggtctaataga	480
ccctcgagtc	aagaacaacc	ctgacggggt	gccctcccct	cttaattcgg	ccccaaaggac	540
ttgaagcccc	gcattctccc	gacctgtccc	tgccccccac	ccctgcctga	gcggagtccct	600
agcatcccc	tgggagcagc	agcgtcagtg	gacccacagt	ctgagaaaag	ccccccacat	660
cccggaaaac	ccactttcct	ttcacgaacc	cacatctcaa	tcctgaacat	ctagggtgga	720
acctgcacac	actccccctc	agctccgtcg	tgaatgggac	aacaatctcg	tgccctcgtt	780
ttatgggtga	gcttctctag	tatttctggg	gctggggggc	ggggctggag	gggaaggagt	840
gtccacgcat	caataaagat	ttaacgaact	gaacgcgcaa	a		881

<210> 723
 <211> 512
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (264)...(514)
 <223> similar to gi5578958 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 723

ccttaccctc	catgatgtgt	ccctgtgtgt	gtgtctacag	acagggaaat	aggggtgaag	60
atgaaaagtt	gaagcagtga	tacagcctgg	tcagaagttg	ttgtttgtgt	ccgtgtggaa	120
catgcctggg	gaagtaggaa	aagagcaaag	agggacaaaa	atgtctgtag	ttgtatactt	180
gtatatgtaa	gcacatagag	ggggagaagg	accataaaga	atgtgtgggtg	aagcactctg	240
gtggagaggg	gctcatgaga	agtataccg	agagcagtga	agctggagat	cctgagagag	300
cccacctgtg	ctaagtgggg	tggttgatg	gacaggggtga	gcaggcctgt	gcaccagtgc	360
gagaaccagc	tcatacagccc	agtcttgcca	cttccctttg	cccacagaag	acgtgcgatg	420
ggacacatta	tcctatgcc	gaatgccatg	tcagaccgag	gaccacagcag	agctcatgct	480
ggagaattat	gacaccatgt	atcttttggg	cc			512

<210> 724
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (150)...(402)
 <223> similar to gi804810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 724

cccagaatct	aatcaatgcc	acgtccacat	gaattcccaa	ggcacatcac	ctgaatctct	60
ctagtggctct	tcgctataca	ctgacttacc	cgttcctatt	tacaacttat	ggcccttget	120
gaattattgg	cattttaaag	tagtgactag	tcctagccac	agcaccacaga	caagagaaaag	180
aaaaaaaggc	atccaaattg	attaagagga	agtcaaactt	gctgttcgcc	gatgatataa	240
tcatatacct	agaaagccct	aaagacttac	ccaaaaagcc	cctagatctg	acaaataaat	300
tcagtaaaagt	ttcaagatac	aaaattaatg	tacacaaatc	agtagcattg	ctatatacca	360
ccatcggcta	agctgagaat	caaatacaaga	actcaacctc	tt		402

<210> 725
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(355)
 <223> similar to gi2981631 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 725

aagaaaggac	agaagccata	tgatcatctc	aatatatgca	ggagaagcat	ttgataaaaat	60
ccagccccct	ttcttgactt	aaaacgttca	acaaactagg	aatagaagag	aatttcaacc	120
tgataaagga	catctatgaa	aaacctacaa	gtaacaccat	actcagtggg	gaaatacagg	180
aataaggatg	ttttttctta	ccacttctgt	ttaacattgt	actggagatt	ttagccaggc	240
agttaggcaa	gaaaaataag	caaaaggcat	ccagggttaga	aaggaagacg	tgaaactatt	300
tctaagggat	gttatctggg	ttatagaaaa	tccataggaa	tctactaaaa	aacagaacag	360
aagaaaacac	taag					374

<210> 726
 <211> 640

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (640)...(25)
<223> similar to gi37193 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 726
gtgttgaaaa agacaaatac taacatgctg catctttcat cagaacagaa tctgaagcct    60
cactgggtgg accaattcct gctctgtttt ctgcactgac acggaattcg taggtgcttc    120
cttcttgacg tctctgttact ttgcacctga gatcggaac tgggtgtttt attgctctca    180
cccatcgagc gcttttcttt tctctccttt ctacatgata tctgttaaft tgcgtgccac    240
catcatccac tggccttttc cagctgacag tggcagtgtt cttagtgaac tttgatacct    300
ctgggttttc aggaggcca gggggacctg aaaaggaagc aaatttatta gaaatccatg    360
atctcctaaa ctctgctata aatgtttcca tgtcaattcc ctcacatgct ctacatacca    420
aatctgtcta ccattttgac aggatcagac tgtacagggt ctcctttgcc atagtgggtt    480
acagctgaga cccggaagat gtactcattt ccttgataaa gtttggttgc cacatgcctg    540
caagactgaa tatcttcaga aaccactgtc cacaaaagtc ggctgggttc tctcttttca    600
agtatatagg acttaattgg ngagccgcca tcttccaagg    640
```

<210> 727
<211> 454
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(333)
<223> similar to gi3282747 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 727
gaggaaaagg cacaggctaa cctctccctt tctccagtat ctcagattca gctgggcagc    60
tggcagtcac agaggtagca acaaggcctc tgggtccagga cttactgaac catgatgtaa    120
gtagagtttg ggtggactta gcttggggta gccagacatg cttcagaagc agaccctgtg    180
caaaatcttc cttctggtct tgagcaacca tacctatctc tggctgcttt aggactgcta    240
catcctggac caaagtggaa ccaaaatcta cgtgtggaaa ggaaaaggag ccacaaaggc    300
tgaaaaacag gcagccatgt ctaaagcgct ggtaggagct acagatgtgc aatactgttc    360
aaataattct gctaagagca cttcaggtgt gtcactccac agagccatgc taggtatttg    420
agcatataac attgtgctta cgtacacgga ctgc    454
```

<210> 728
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 728
 ttggagggct ggggcaaaat tctccagaag gccttgatg ctgctgaatc aacattcagt 60
 atatgttact ttctccatt gccaggattc aaggttcctg aaatcaaggg gtggaagtga 120
 aagtggcaca actcaacatc acccttagtg atccactagc aaaaattttg cttcctcttc 180
 ctgcaacatt acgttctgct ggcctagagg tcttggttcc aaaggaggga atgctgccac 240
 caggagacac aacaatgatt ccattaaact ggaagttaag tttgccacct ggacactttg 300
 agtcctcctt acctttaagt caaaaggcta agaagggact tatagtgttg gctggagg 358

<210> 729
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(703)
 <223> similar to gi915208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 729
 cagctgtggt gtcctctaca ccattctgtg tcatgtgaac agtagcacia ggtgtatcta 60
 catcagcaat caaaatggca tcaaccagac ttcttcccc caaaagctta gtgagtgcc 120
 caatcagat tcttgacag ttccctaaac aacatcaaca gtctcctaag cagcagttat 180
 atcaagtgc aacagacaga cagcaacaag tggcccagcc ttctccagta tctcatcagc 240
 aacagcctca gcagtctcct ttgccacctg gtattaaacc taccatccaa atcaaacagg 300
 agtcaggtgt taaaatcatc acacaacagg ttcaaccaag taaaatctta cccaaccagg 360
 tgacagcaac tctaccacc agtagcaatt cccctattat ggtgggttagc agtaatggtg 420
 caattatgac aactaaactg gtaaccactc ctactggcac acaagcaacc tatacccggc 480
 caacagttag cccatccatt ggtcggatgg ctgcaacccc tggagctgca acctatgtga 540
 aaactacgag tggtagcatc attacagtag tacccaaact attagctacc ttggggggca 600
 agataattag cagtaataata gtttctggaa cgactaccaa aatcactaca atcccaatga 660

cttccaagcc caacgtgatt gttgtacaaa agactacagg aaaaggaacg accattca

718

<210> 730
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(251)
<223> similar to gi7042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 730
tcaacaccca ctggtgtaag gtcataacgc attggtgtca ggtcatcacg cactggtgcc 60
aggatcatgt gcactggtgt caggtcattg cgcgctggtg tcaggatcatg atgcactggt 120
gtcaggatcat caagcactgg tgccagggtca tcacacactg gtgtcaggtc atcacgcact 180
ggttccagggt catcacgcac aggtcttcac aactggtggtc caggatcatca cacactggtg 240
ccaggatcatg cactcagggt tggggcgggt gggggcagca ctcccttttg agtccagggtg 300
gcctgggtctt ggaattcatg ctctaaaatc ccaag 335

<210> 731
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (42)...(305)
<223> similar to gi3170252 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 731
gtatctattg tccgtcgtg tacaacgtgc gagactggca aaaacctggc gataggcatc 60
atatgaggat tgaactgtag actcacctgg ggactcacct ggggactcac ctggtgactc 120
acatggggac ccactggggg actcacctgg ggaccactg gggactcacc tggggactca 180
cctggtgact cacctggggg cccacctggg gatccactg gggaccacc tggggactca 240
cctggggacc ctccctggaaa ctcacctgtg ggtgcagggg cttcactggc tccagcacct 300
cctgtctcag gggcggaggg ggctgtctg tccgtctctg ggatttcac tccactgtca 360
aaatcgaact gttctccctc ttctcttcca ttattattg tatcatattt catttcattt 420
tctaaaaaga aaagccaaac ccacatcaag gagagat 457

<210> 732
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(478)
 <223> similar to gil786219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 732

ccgcctttga	gggggttaatt	ccggtggttc	acccgacggc	gtttgtccat	cccagtgccg	60
tcttgattgg	cgatgtgatt	gtgggagccg	gtgtctacat	cggcccactc	gcctcactgc	120
gtggtgacta	cgggcggttg	atcgtgcaag	cgggagccaa	tattcaggat	ggctgcatta	180
tgcatggcta	ctgcgacact	gacactatcg	ttggggaaaa	cggccatata	gggcacggag	240
cgatcctgca	tggttggttg	attggtcgcg	atgcattggt	cgggatgaac	agcgtgatta	300
tggtatggcg	ggtcattggc	gaagagagca	ttgttgccgc	catgagcttt	gtcaaagcgg	360
gctttcgcgg	cgagaaacgc	cagttgttga	tgggtacgcc	agcccgcgct	gtacgcaatg	420
ttagtcaagg	cgagtaactt	gtggtaacgg	cagggtttta	ccagtcata	ggatctccgg	480
gtacggaca						489

<210> 733
 <211> 480
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6)...(483)
 <223> similar to gi2072964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 733

gatctgccag	agcaattaga	caagggaaaa	agagtggagg	actcagatga	aaggaagaag	60
taaagttgca	tttgcataat	atatactctt	gtatgtagaa	tattctgagg	aattcacagc	120
aaaactacta	gactaataaa	caggttgagc	aaggttacag	ggcacaagat	cggtatacaa	180
aaatcaatta	aattttctata	cactagcagc	aaacaacctg	aaaatgagac	aagaaaacaa	240
cttcatttat	aatgctgtca	gaaagaaaaa	tacttgagaa	aatttttaat	caaaaagtgc	300

aagatttata	ctctaaaaac	tacaagacat	cattcagaga	aattaaagaa	tacctaaata	360
aatgggaagg	cctcctatgt	tcatagattg	gaagatgtac	tattgttnnn	nnnnnnncag	420
tccccaattg	gatttgcaga	ttcaacataa	tcctattta	aatttttgct	gccttttttt	480

<210> 734
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (244)...(291)
 <223> similar to gi4206763 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 734						
tatgtagggg	ccacaccagt	gaccagacac	ctcccaccac	aacaatgacc	agacacctcc	60
caccacacca	gtgaccacac	acctcccacc	acaccagtga	ccacacacct	cccaccacac	120
cggtgaccag	acacctccca	ccacaccggt	gaccagacac	ctcctaccac	aatgaccaga	180
cacctcccac	cacaccagtg	acccagacac	ctcccatcac	accagtgacc	cagacgcctc	240
ccaccacacc	agtgaccaga	cacctcccac	taggcgggca	ccaacactgg	c	291

<210> 735
 <211> 888
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(788)
 <223> similar to gi5921144 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 735						
tcttacagac	tggaacctac	ctttggcttt	tatgaaaaag	aggctctgtg	agaaaattga	60
aggctccaaa	tccttagctc	agagctggag	gatgaaggat	cggatgaaca	cagtcagtgt	120
tgccttagtt	ttgtgcctga	atgttggtgt	ggacctccc	gatgtggtga	agaccacgcc	180
ctgtgcacgc	ttggaatgct	ggatcgatcc	tctgtcgatg	ggtcctcaga	aagctctggg	240
aaccatcggg	gcaaatttac	agaagcagta	cgagaactgg	cagccaaggg	cccgggtacaa	300
gcagagcctt	gacccaactg	tggatgaagt	caagaagctc	tgcacgtcct	tacgtcgcaa	360
cgccaaggag	gagcagatcc	tctttcacta	caatggccac	ggggtgcccc	ggcccacagt	420
caacggggag	gtctgggtct	tcaacaagaa	ctacacgcag	tacatccctc	tgtccatata	480
tgacctgcag	acgtggatgg	gcagcccgtc	gatcttcgtc	tacgactgct	ccaatgctgg	540

cttgatcgtc	aagtccttca	agcagttcgc	actacagcgg	gagcaggagc	tggaggtagc	600
tgcaatcaac	ccaaatcacc	ctcttgctca	gatgcctttg	cctccgtcga	tgaaaaactg	660
catccagctg	gcagcctgcg	aggccaccga	gctgctgccc	atgatccccg	acctcccggc	720
tgacctattc	acctcctgcc	tcaccacccc	catcaagatc	gccctgcgct	ggttttgcat	780
gcagaaatgt	gtcagtctgg	tgctggcgct	cacactggat	ttgatagaaa	agtaagtagg	840
atttttaagc	tcttggggct	ctctggatct	gatgagtttc	ttttcctt		888

<210> 736
 <211> 1207
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (581)...(1118)
 <223> similar to gi5123896 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 736						
cccacgcgtc	cgctcaaaca	tggccgccac	ggcgccctctg	gaaggggaacc	gctctggggcc	60
ccgcctttga	tctcgttggt	ggggctgggg	gatgagagct	gcaccgcgcg	ggacaagtcg	120
ccggcggcgc	ccgacggagc	agaagagaga	gcatggagct	ggagaggatc	gtcagtgcat	180
ccctccttgc	ctttgtccag	acacacctcc	cggaggccga	cctcagtggc	ttggatgagg	240
tcattctctc	ctatgtgctt	ggggtcctgg	aggacctggg	cccctcgggc	ccatcagagg	300
agaacttcga	tatggaggct	ttcactgaga	tgatggaggc	ctatgtgcct	ggcttcgccc	360
acatccccag	gggcacaata	ggggacatga	tgcagaagct	ctcagggcag	ctgagcgatg	420
ccaggaacaa	agagaacctg	caaccgcaga	gctctggtgt	ccaaggtcag	gtgcccctct	480
ccccagagcc	cctgcagcgg	cccgaatgc	tcaaagaaga	gactaggctc	tgggctgctg	540
ctgctgcaga	cacccaagat	gaggcaactg	gcgctgagga	ggagcttctg	ccaggggtgg	600
atgtactcct	ggaggtgttc	cctacctgtt	cgggtggagca	ggcccagtgg	gtgctggcca	660
aagctcgggg	ggacttgga	gaagctgtgc	agatgctggg	agagggaaag	gaagaggggc	720
ctgcagcctg	ggagggcccc	aaccaggacc	tgcccagacg	cctcagaggc	ccccaaaagg	780
atgagctgaa	gtccttcctc	ctgcagaagt	acatgatggg	ggatagcgca	gaggatcaga	840
agattcaccc	gcccattggc	cccaaggagg	cccccaagaa	gctgatccga	tacatcgaca	900
accaggtagt	gagcaccaaa	ggggagcgat	tcaaagatgt	gcggaaccct	gaggccgagg	960
agatgaaggc	cacatacatc	aacctcaagc	cagccagaaa	gtaccgcttc	cattgaggca	1020
ctcgccggac	tctgcccag	ccttctaggg	tcagatccca	gagggatgca	ggagccctat	1080
accctacac	aggggcccc	taactcctgt	cccccttctc	tactcctttg	ctccatagtg	1140
ttaacctact	ctcgagctg	cctccatggg	cacagtaaag	gtggcccaag	gaaggtgaaa	1200
aaaaaaa						1207

<210> 737
 <211> 524
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(522)
 <223> similar to gi28969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 737

atttcacac	aggtaaagg	attgtggcca	tcttgaggtg	tctccagttt	aatgagacgc	60
taactgagct	tcggtttcac	aatcagaggc	acatgttggg	tcaccatgct	gaaatggaaa	120
tagccaggct	tttgaaggca	aacaacactc	tcctgaagat	gggctaccat	tttgagcttc	180
cgggtcccag	aatggtgggtc	actaatctgc	tcaccaggaa	tcaggataaa	caaaggcaga	240
aacgacagga	agagcaaaaa	cagcagcaac	tcaaggaaca	gaagaagctg	atagccatgt	300
tagagaatgg	gttggggctg	ccccctggga	tgtgggagct	gttgggagga	cccaagccag	360
attccagaat	gcaggaattc	ttccagccac	cgccacctcg	gcctcccaac	ccccaaaatg	420
ttcccttttag	tcaacgcagt	gaaatgatga	aaaagccatc	gcaggccccg	aagtacagga	480
cagaccctga	ctccttcg	gtggtgaagc	tgaagagaat	ccag		524

<210> 738
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (68)...(623)
 <223> similar to gi2072972 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 738

aaagaaacag	aagtctcgaa	cagagcaaca	atgtataaag	tatataataa	gattgaatta	60
ctaataaaac	aagctaccaa	ccatagaaag	ccctggataa	gatgagttca	cagccacatt	120
ttatcacata	tacaaagata	acctggtatt	aattctactg	agtgtattcc	aaaaatcaag	180
gtggaagtcc	ttcctaaatt	atttgaaaac	attattatct	tggtagtaaa	acctagtga	240
gacacaacaa	aaaaggaaaa	ttaccggtca	ctattcttgg	tgaaaattga	aacaaaaatt	300
catgaagtac	tagcaagttg	agttcataag	caaagcaaaa	agttactttg	ccacaatcat	360
gtaaacttca	ttgtatgaat	gcaaagatgt	ttcatcatat	acaagtaaat	aaatgtgatt	420
caccatgtaa	agataatttt	taaaaaacia	ttatcacatg	cagaaaaggc	attcaagaaa	480
atctaataat	catttataaa	aacattctca	acaaactaag	cactggagaa	atatgcctgn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnntaaggt	ctccatcaga	ata				623

<210> 739
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(406)
 <223> similar to gi530878 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 739

ttttggccgc	agagccttcc	tgcaagcctg	cttccttcac	cttcttttac	atcttcatac	60
cttccagagg	caccagcccc	accctttgcc	aaaaccgctc	ctgccaaggc	ccccatgacc	120
tgcggtcgga	gaaacccccac	ctctatcact	acagtcaggt	ttctgcctgc	agggtcccca	180
cctcgatcag	tgagtctccc	ttagctcttc	acaaagcccc	agcttctgta	agaccctttc	240
tctgactccc	actccctctc	ctgagatccc	atgaccaccc	caggtgctgc	ccctagagcc	300
aagcctccat	cctcgcatca	agcctccagc	ctgtcactga	ccccattcc	cccaacaagt	360
ccttgagctc	cagcctgtca	catcccagtc	cctgcctgtg	tccgtgac		408

<210> 740
 <211> 2219
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (795)...(648)
 <223> similar to gi557822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 740

cgggcggtcg	ggcggggaacg	cagtgttggt	ggagagcggg	ggcccggtt	cgcggcattt	60
cgccctctcc	ggcccttccg	gaggtccgg	gtttgtgccg	tgtgcgtgcg	gggctcggcg	120
ctggggcgct	cggtaggtct	cccgcgggga	ggaggcggcg	ggggccccgt	gtttcttcc	180
ccccggcccc	ccaccgcgc	cgtgtcttat	gtcgtgcct	tctcttccg	ttttcagct	240
gtcacgaccg	gaggggggac	tcgcagcctt	accaggcact	taagtattca	tcgaagagtc	300
acccagtag	cggtgatcac	agacatgaaa	agatgcgaga	cgccggagat	ccttcaccac	360
caaataaaat	gttgcggaga	tctgatagtc	ctgaaaacaa	atacagtgac	agcacaggtc	420
acagtaaggc	caaaaatgtg	catactcaca	gagttagaga	gagggatggg	gggaccagtt	480
actctccaca	agaaaattca	cacaaccaca	gtgctcttca	tagttcaaat	ttcacattct	540
ttctaattcc	aagcaattaa	ccccaggca	aaactttcag	gattgcacct	tatgattctg	600
gcagatgact	gggtctggag	catattagct	cttctgggga	aaagtactac	tacaattgtc	660
gaacagaagt	ttcacaatgg	ggaaaaaccc	caaagagtgg	cttggaaga	ggacagagac	720

aaaaagaagc	aaacaagatg	gcagtcaaca	gcttcccaaa	agatagggat	tacagaagag	780
aggtgatgca	agcaacagcc	actagtgggt	ttgccagtgg	aaaatctaca	tcaggagaca	840
aacccgatc	acattcttgc	acaactcctt	ccacgtcttc	tgcctctgga	ctgaaccca	900
catctgcacc	tccaacatct	gcttcagcgg	gtccctgttt	ctccgtgttc	cacagctcgc	960
caatacctcc	cttacttcag	gacccaaatc	ttcttagaca	attgctgtcc	tgctttggaa	1020
gccacgctgc	agcttaataa	ttctaattgt	gacataatct	ataataaatg	aagttcttac	1080
aggagatgtg	acacaagcct	cactgcagac	tataattcat	aagtgtctta	ctgctggacc	1140
atctgttttc	aaaataacgt	ctctgatttc	tcaagctgct	cagctctcta	cacaagccca	1200
ggcatcta	cagtctccga	tgtctttaac	atctgatgcg	tcaccccaaa	ggatcatatg	1260
tttctccaag	gaataaggca	cacctcaaac	ttaacacagt	ccctattcaa	acctttggat	1320
tcagtactcc	tctgttttca	tcacagccaa	aggtagtac	tccagtagtt	aagcaaggac	1380
cagtgtcaca	gtcagccaca	cagcagcctg	taactgctga	caagcagcaa	ggtcatgaac	1440
ctgtctctcc	tcgaagtctt	cagcgtctca	gtagccagag	aagtccatca	cctgggtcca	1500
atcatacttc	taatagtagt	aatgcatcaa	atgcaacagt	tgtaccacag	aattcttctg	1560
cccagatccac	gtgttcatta	acgcctgcac	tagcagcaca	cttcagtga	aatctcataa	1620
aacacgttca	aggatggcct	gcagatcatg	cagagaagca	ggcatcaaga	ttacgcgaag	1680
aagcgcataa	catgggaact	attcacatgt	ccgaaatttg	tactgaatta	aaaaatttaa	1740
gatcttttagt	ccgagtatgt	gaaattcaag	caactttgcg	agagcaaagg	atactatttt	1800
tgagacaaca	aattaaggaa	cttgaaaagc	taaaaaatca	gaattccttc	atgggtgtgaa	1860
gatgtgaata	attgcacatg	gttttgagaa	caggaactgt	aaatctgttg	cccaatctta	1920
acatttttga	gctgcattta	agtagacttt	ggaccgttaa	gctgggcaaa	ggaaatgaca	1980
aggggacggg	gtctgtgaga	gtcaattcag	gggaaagata	caagattgat	ttgtaaaacc	2040
cttgaaatgt	agatttcttg	tagatgtatc	cttcacgttg	taaatatgtt	ttgtagagtg	2100
aagccatggg	aagccatgtg	taacagagct	tagacatcca	aaactaatca	atgctgaggt	2160
ggctaaatac	ctagcctttt	acatgtaaac	ctgtctgcaa	aattagcttt	tttaaaaaa	2219

<210> 741

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> similar to gi4929683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 741

ccgtgggaaa	ctgtttacaac	agctgcaatg	cagaaatatc	caagccctgt	gaacccgagc	60
gtggtgtggg	ttgacgtggt	aaacagacgt	atagatccct	ccagagagtt	gcacagactt	120
ctccgcacag	tgggaactgc	aaaactctta	ctgggtgcagc	aaaacgcaaa	acatatatac	180
tagaatattc	tgtagttaac	cctgtagaga	aaacaatgga	acttaaatct	actaatat	240
cacttacaaa	tatgatttca	gtagatgaga	gattttataca	caaaccacat	catcgggacc	300
ccccaaaaaa	ctattttgac	tcaagaagcc	ataatcactg	aagagaggta	gcctcagcag	360
ttaccttgaa	ggactgatgg	caagaactat	accttcaaat	gct		403

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<210> 742
<211> 850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (31)...(849)
<223> similar to gi3834629 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 742
cgcccgtaga ggcccagaat tcggcacgag gaagaaagca tccttgaaga agtttttagaa      60
gctttaactt cagctgggtga agaaaaaaaa attgacagat ttttttgtat tgtggaaggc      120
ctccggcaca attcagttca actgcaagta gcttgtatgc agctcatcaa tgccctgggt      180
acatctcctg atgatttgga tttcaggctt cacatcagaa atgaatttat gcgttggtga      240
ttgaaagaga tattgccaaa tttaaaatgc attaagaatg atggcctgga tatccaactt      300
aaagtctttg atgagcataa agaagaagat ttgtttgagt tatcccatcg ccttgaagat      360
attagagctg aacttgatga agcatatgat gtttacaaca tgggtgtggag cacagttaaa      420
gaaactagag cagaggggata ttttatttct attcttcagc atcttttgct gattcgaaat      480
gattatttta taaggcaaca atacttcaaa ttaattgatg agtgtgtatc ccagattgta      540
ttgcatagag atggaatgga tccagacttc acatatcgaa aaagactaga tttagattta      600
accagtttg tagacatttg catagatcaa gcaaaactag aagagtttga agagaaagca      660
tcagaacttt acaagaaatt tgaaaaagag tttaccgacc accaagaaac tcaggctgaa      720
ttgcagaaaa aagaggcaaa gattaatgag cttcaagcag agctacaagc ttttaagtct      780
cagtttggtg ccttgccagc tgattgtaat attccttttg cctccctcta aagaaggtgg      840
aactggccac                                     850

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<210> 743
<211> 775
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(775)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 743
ctcctgcccc agcctcccaa gtagctgcga ccacaggcac gtgccaccat gcctggctaa      60
tttttttttt ctgagacagt gtttcactct tgttgcccag gctgcagtgc aatggcgcgga      120
cctcggtcca ttgcaacctc tgccctccag gttcaagcga ttctcctatc tcagccttcc      180
aagtagctgg gattacaggc atgagccact atgccccact ttgcccggct aattttgtat      240
ttttagtaga gatgggggtt ccccggtgtg gtcagcctgg tctcaaactc ctgacctcag      300
gtgatccacc cgacttgacc tgccaaagtg ctgggattac aggcgtgagc cactgcaccc      360
gccagccatg tcttttcatg tctccagctc tgggtgaggc gaagggtgtg ggcaggtgga      420

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cctcagccgg	cccatctgcc	cagcgaggat	gtgaattcct	gcctgagtgc	ctgtgagtac	480
cccacgagaa	ggatgggcta	cctcttgggt	gagacagggtg	gatgcatcta	taacccccga	540
ggccggaagg	tccccactca	aagcccagtg	cctccccgtc	ccctgggccc	acatcccaga	600
gtagacggcc	ctgccagaca	gaggggtgag	ggccacagag	atgagtgccg	gagtccaaat	660
cggtgcaact	ttaccacgag	tgagatctgg	ttggccgatg	ccactgaatc	cgggttagag	720
gacgaggaag	aggaagacga	ggaggaagag	gagacggaat	ttccttccga	gaccc	775

<210> 744
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (18)...(341)
 <223> similar to gi310200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 744						
aatgacgggc	cagctgccaa	cagcatctcc	gtcaggaccc	ccaccaaggg	ccccaacgac	60
caccgggtcg	ttcaaaccga	cagccgcca	tccagcctcc	gccactaggg	gcaccactgc	120
tgcggtcagt	acagaccgct	acaaccacaa	atgccgcaac	cacgaccccg	tctaggatca	180
gatacacagc	cggggaggcc	agcaccgccc	cccaacacaa	ggcaatggcg	ggtgctacag	240
ccagcgccac	cagcagcagt	gccgcccgcg	cagccactac	tccagccccc	agcgcgcctg	300
ccaccaaagc	cagccaagc	atggccgcag	tcgccccgcg			340

<210> 745
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (105)...(300)
 <223> similar to gi5231133 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 745						
cgctagagga	agaagatggc	tgaaggcgga	gcggtggatc	tggacaccca	gcggtctgac	60
atcgcgacgc	tgctcaaaac	ctagatccgg	aaaggggaca	cctgggtggtt	gaacagggtg	120
tgtttgtaaa	gcactgcaaa	gtagaagtat	atctcacaga	attgaagcta	tgtgaaaatg	180
gaatcatgaa	taaagtcgaa	actcgaatat	ttatcatagc	tgacacaata	ggtattagtg	240
atagaacaga	tttatgaaga	tggaacatgg	ccaaggggtc	cttctactcc	taagactgct	300

gcagtttgat ggaggcctac tccataccct gttagcctgg ttattaccag tggagg

356

<210> 746

<211> 994

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (264)...(995)

<223> similar to gi3877428 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 746

agagaattca	aacactacca	aatcagaatc	agtcgcaaac	ccagccatta	ctgaagactc	60
ctcctgctgt	acttcagcca	attgcaccac	agacaacatt	tgggtgttcag	actcagcccc	120
agccccagtc	actgctgcag	gcacagattt	cagcagcttc	tattacacca	ctattgcaga	180
ctcaaccaca	gcccttatta	cagcagcctc	agcaaaaagc	tggttttattg	cagcctcctg	240
ttcgtatagt	ttcacagcca	caaccggcac	gacgattaga	tcccccatcc	cgatttttcag	300
gaagaaatga	cagaggggat	caagtgccta	acagaaaaga	tgatcgaagt	cgtgagagag	360
agagagaaag	acgtagatcg	agagaaagat	cacctcagag	gaaacgttcc	cgggaaagat	420
ctccacgaag	agagcgagag	cgatcacctc	ggagagtctg	acgtgttggt	ccacgttaca	480
cagttcagtt	ttcaaagttt	tcttttagatt	gtcccagttg	tgacatgatg	gaactaaggc	540
gccgttatca	aaatttgtat	atacctagtg	acttttttga	tgctcaattt	acatgggtgg	600
atgctttccc	tttgtcaaga	ccatttcagc	tgggaaatta	ctgcaatttt	tatgtaatgc	660
acagagaagt	agagtcctta	gaaaaaaata	tggccattct	tgatccacca	gatgctgacc	720
acttatacag	tgcaaaggta	atgctgatgg	ctagccctag	tatggaagat	ttatatcata	780
agtcatgtgc	tcttgctgag	gaccacaag	aacttcgaga	tggattccaa	catcctgcta	840
gacttgtaa	gttttttagtg	ggcatgaaag	gcaaggatga	agctatggcc	attggaggcc	900
actggtctcc	ttcgttggat	ggaccagacc	cagaaaaaga	tccctctgtg	ttgattaaga	960
ctggctattc	gttggtgtaa	ggctctgaca	ggca			994

<210> 747

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(358)

<223> similar to gi439877 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 747
gatgaagtta gacctctacc tcacatcatg tgcaaaaatt aacttgaaat gtatcaaagt 60
tctaaaggta agagctaaag ctataaaacc ttcagggaaa ctataggaat aagtcttcaa 120
aacttttagat ttggcaatga ttttttagct ataccgcaa aagcaccaat aacaaaagaa 180
aaaataaatt ggacttcctt ggaattaaaa aattttgcat caaagtgcac aattcagaac 240
ttgaaaagcc aacttacgga gtgggaggaa atatttccaa atcaattatc taaaaactgc 300
taatatccaa tacatataaa ggactcttaa aaacaacaaa agacaaccca attttttaa 358

```

```

<210> 748
<211> 400
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (127)...(401)
<223> similar to gi2197069 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 748
cttgcgctgt ggactcattc aggccacaga ctgcttttgg tttgactggc ttctacagtg 60
tcagacagat agatgcttca cagtgacttt ttggtgaaca accctactag gatacacgtg 120
atgttcatgt cctgtgttcc cactgcatcc gcagtgtgga cctctgtgat gtctacctgt 180
gccgatgtca ggccggcttt tctgagaggc actgtgacca cctcgtggac gactgcgcct 240
cctaccctgt cgcgcacgca ggcacctgcc tcgatgttga taccgacttc tcctgcacct 300
gcccgcctgg ctacacgggc aggaactgca gggcccccgt cagcaggtgc gatacacgca 360
ccctgtcaaa atgtggccac ctgtcacgag agggggccacg 400

```

```

<210> 749
<211> 933
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(934)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (19)...(556)
<223> similar to gi1747519 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 749
ggccgctggt ccggaggtag cgggtgccggc cgaggggggtc ggggcggctg gggcgggtcgg 60
ggccggcgctc ctccgggcccc gcggtctcca tcccggggca cgctggacgt agtgtctgtg 120
gacttggtca ccgacagcga tgaggaaatt ctggagggtcg ccaccgctcg cggtgccgcg 180
gacgaggttg aggtggagcc cccggagccc ccggggccgg tcgcgtcccg ggataacagc 240
aacagtgaca gcgaagggga ggacaggcgg cccgcaggac ccccgcgggg gccgggtcagg 300
cggcggcggc ggctggtgcc tggatccggg ggaggcgccg cctggttccg gtgtactcgg 360
ggaagggttta aaagcagcct tcgccttata ccagatgata tatccctcct gaaactctac 420
cctccagggg atgaggaaga ggcagagctg gcagattcga gtggtctcta ccatgagggc 480
tccccatcac caggctctcc ctggaagaca aagctgagga ctaaggataa agaagagaag 540
aaaaagacag agtttctgtg agtgagnccc agggcccttg ggcccttggg agcaggaaaag 600
tgagttggag gggtaagcgg aggcaggcag gactcttggg tgactcctga aagggttaaga 660
agaagggata gaaggactgt tgagtttcat gtggggaatg aatcgcttgg ggaaaagagg 720
tggcttacct cggagggtga cagtgaaccc ttcaggatca cccttggggag tggattctga 780
gaccctagta atgtgagctt aaggtatggt tccaatccag cttccctgtc ctctctgtgc 840
ttctctttct tcatctataa aaccccgttt tatagcctgg gagacatgga gagaccctgt 900
ctctacaaaa aataaaaaaa aattagcctg gca 933

```

<210> 750

<211> 1606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1601)

<223> similar to gi2370155 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 750
ccagcacatg acgacttcta tctcgtagtg tgcagtgcct gtaaccaggt cgtcaagcca 60
caggttttcc agtcgcactg cgagagaaga cacggttcaa tgtgtagacc ttctccctct 120
ccagtgtctc cagcctccaa tcccaggaca tcaactagat aggtgaaaac aaaagcctgt 180
ctcagcggcc atcactctgc cagcagcacc tcaaagccat tcaaaacgcc caaagacaat 240
ctacttacct ccagcagcaa acagcacaca gtctttcctg cgaaaggatc aagggataaa 300
ccatgtgttc cagttcctgt agtcagttta gagaaaattc ctaacctagt gaaggcagat 360
ggtgccaatg tcaaaatgaa ctccacaacc actactgcag tttctgcctc ctccacctcg 420
tcctctgccg tctccacccc tcctttaatt aagcctgtcc tgatgtccaa gtcagtgcc 480
ccttcaccag agaagatctt aaatggcaaa ggaattctgc caaccacat agacaagaga 540
cgccaaaatg gcaccaacag cagcaacaag ccttacagga gactttcaga gagagaattt 600
gacccaaata agcactgtgg agtattggat gccgagacaa agaaacctg cacaagatcc 660
ctcacctgca agacacattc gctaagccat cggagggcag tcccaggccg gaaaaagcaa 720
tttgacctcc tcctggcaga acacaaagca aagtcccggg aaaaagaagt taaagataaa 780
gagcatctcc tgacttccac gagggaaata cttccaagcc aatccgggcc ggcacaggat 840
tctctgctag ggtcttcagg gagctctggg ccagaaccaa aagttgcata ccctgcaaaa 900
tccagaccac ccaactctgt acttcctaga ccatcatctg caaatagcat aagcagcagc 960
acatcttcaa atcatagcgg ccacactcca gagccccac tcccaccggt tggaggtgac 1020
ctcgccagcc gactgtccag tgatgaaggg gagatggacg gagccgacga atccgagaag 1080
ctagactgtc agttctccac gcaccacccc agacctatgg cgttttgctc atttgggagt 1140

```

cgccatcatgg	gacgagggtg	ctatgtgttt	gatagaagat	gggatcggtt	tcgattcgca	1200
ctaaactcca	tggtagaaaa	acacctgaat	tcacagatgt	ggaagaagat	ccctcctgcg	1260
acagatagcc	ccctgccctc	gccagcagcc	cacatcacca	cccccgttcc	agcatccggt	1320
ttgcagcctt	tcagcaaccc	cagtgtgtgt	tatcttcctt	cagctcccat	cagctcgagg	1380
ctcacctctt	cttacataat	gacatcagcc	atgtctctcaa	acgcagcttt	cgtgacatcg	1440
ccggacccga	gcgcctctcat	gtcccacacc	acagctttcc	ctcatgtggc	cgcaaccctc	1500
agcatcatgg	actcaacctt	caaggcccca	tccgcccgtgt	ccccgatacc	agccgtcatc	1560
ccttcccat	cccacaagcc	atccaaaacc	aaaaccagct	acgaaa		1606

<210> 751

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(411)

<223> similar to gi476332 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 751

tgtgtttggc	cctggctggc	cgggacctgg	ccgactacgt	ggtgaagatc	ctcgaggggc	60
ccgctacagc	ttcatcacca	cagtgaagtg	ggggattgtg	cgtgacatcc	aggaaaagct	120
atgtgtgtgt	gccttggact	tcagcagga	gatggccact	gccgtgtcct	cttccttcct	180
ggagaagagc	tacaagctct	cccacagcct	ggtggtcacc	atcagcaatg	agtggttctg	240
gtgtccagag	gcgctgtccc	agccctcctt	cctgggcatg	gaatcttgct	gcatccagga	300
gaccatcttg	acctccatca	tgaagtgtga	tgtggatatc	tgcaaggacc	tgtacaccaa	360
tgtggtgctg	tctggcacat	tgccatgcac	ccaagtatca	cacacaggat	g	411

<210> 752

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(542)

<223> similar to gi2352427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 752

tacaagctgg	agataaggac	cttgatgggc	agctagactt	tgaagaattt	gtccattatc	60
tccaagatca	tgagaagaag	ctgaggctgg	tgtttaagag	tttggaacaa	aagaatgatg	120

gacgcattga	cgcgccaggag	atcatgcagt	ccctgcggga	ctttgggagt	caagatatct	180
gaacagcagg	cagaaaaaat	tctcaagagc	atggataaaa	acggcacgat	gaccatcgac	240
tggaacgagt	ggagagacta	ccacctctc	caccccgtag	aaaacatccc	cgagatcatc	300
ctctactgga	agcattccac	gatctttgat	gtgggtgaga	atctaacggt	cccggatgag	360
ttcacagtgg	aggagaggca	gacggggatg	tggtggagac	acctggtggc	aggaggtggg	420
gcaggggccc	tatccagaac	ctgcacggcc	cccctggaca	ggctcaagggt	gctcatgcag	480
gtccatgcct	cccgcagcaa	caacatgggc	atcggttggtg	ccttcactcc	catgattcga	540
g						541

<210> 753
 <211> 1743
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1744)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1744)...(0)
 <223> similar to gi4803931 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 753	
tttttttttt	ttggagttca ttagaccttt tttattatct taccttttct gcatatgttt 60
gcagttttcc	caccgactcc tccataaaca aacattttcc tagaaaccca aaatatgtag 120
tgcccccaaa	ggagctcctt aagccaaagt acttggtaca aagagaccca tattcctata 180
aacatgttaa	gtttgttctt aagcattcca gacttttaga ataagaactt catttccaac 240
ttttttatct	attaacatgg ggctaaactt ttaagaaaca accctagggtc ttctatttcc 300
caggagctgg	ttcaaagtct taaatgacaa tataacttca ttatgaaaat atactgaaaa 360
ggtacaaggg	gctgatgtaa aaacgggtta tcaagggttc ccaggcatcc atggggactt 420
aagggttaacc	tgaaagaata acccccagcc caggctgcaa ccagccaggc caggatgtgc 480
tggtctnacg	tngatgaggt gctaaggccc atcgaatgcc tcagaggaaa gccggattca 540
cgggggatca	tctcaaccct gaggaaatcg gttccttggg ggggtgatttc ttgccctttt 600
ttttgttttt	gtaaggaaga gggttccctt cattccagta acttttagttt tcccttaata 660
aatattttca	aaaataaaac caatcatcat ccaaacaac agggagccac ttttgtaggg 720
taagggtaaa	tcacaggata atgtattggg ataactctgt ttttttaaaa taaaaaagcc 780
ttacatggtc	agggattgat ggagtgggga tgacaaatgc acatttcaga ctttcatcac 840
caatgaaaaa	ataaagcatt ttcatagact taaaactgtc attagtgcac tcggcttttg 900
gagaagggat	gaaaatgtaa aatacttcta caacaataaa atgttaatag aaatcgatc 960
gtgctgaggt	catttttaggt gagctaccat tggtttgtta aatacaagaa aaagtaattt 1020
ccttggtccc	aatttaagtg gaaatccttt aaaaaagatt gcctttaaaa gaaccattat 1080
ttgagggaca	atgttttttc cagacacatt cctggatgat attccaaatt cacttcata 1140
acaatccaca	gattaaccct tttaattcca cctttcctta aaaagctgtc agatttccca 1200
tttccctcgg	gagacatttt tcaaccagtg tggtgttcga ttcccacagg ttaagctttc 1260
ttcattatta	tttaaggaact tcataccata ttagagagat tgccattcat tgctttcctc 1320
gtctttttcg	gaaaagacac agggccagact ttgcttaggc taaagctgac gtcttttaaag 1380
gcatgcaaca	agaatatccc cccacaatga ttgtaaagaa gccacttcaa agtaccaatg 1440

gacatcgtca	acaggcatat	cttgccactc	cttaaaaaga	atagctgaac	aagttaaaac	1500
tgatgttgta	aagaatacat	aatatattgg	agtcacaatg	gaagtgttga	atatatccag	1560
ggccctat	aggtaattaa	tctgtgtgct	cacacagacg	atgagggtca	gcagcagaat	1620
ccaagccagg	ggatgccgca	gcacaggctt	ccctgcaaac	agctccttga	tagcaatgcc	1680
caggcccttc	acacaggaga	ctgaaaacgc	gccgattaca	gagcagattg	ttatgtacac	1740
aag						1743

<210> 754
 <211> 670
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(460)
 <223> similar to gi2388970 in the genepept database' release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 754						
gctagattct	atagatcctg	ctttacgaag	gcctggtcgc	tttgatagag	aattcctctt	60
tagcctgcct	gataaagagg	ctcgaaaaga	gattctaaag	attcacacca	gggattggaa	120
tcccaaacca	ctggacacat	ttttagaaga	gctagcagaa	aactgtgttg	gatactgtgg	180
agcagatatt	aaatcaatat	gtgctgaagc	tgctttatgt	gctttacgac	gacgctaccc	240
acagatctat	accactagt	agaaaactgca	gttggtatct	tcttcaatta	atatctcagc	300
taaggatttc	gaggtagcta	tgcaaaagat	gataccagcc	tcccaaagag	ctgtgacatc	360
acctggggcag	gcactgtcca	ccggttgtga	aaccactcct	gcaaaacact	gttgacaaga	420
ttttagaagc	cctgcagaga	gtatttccac	atgcagaatt	cagaacaaat	aaaacattag	480
actcagatat	ttcttgtcct	ctgctagaaa	gtgacttggc	ttacagtgat	gatgatgttc	540
catcagttta	tgaaaatgga	ctttctcaga	aatcttctca	taaggcaaaa	gacaatttta	600
attttcttca	tttgaataga	aatgcttggt	accaacctat	gtcttttcga	ccaagaatat	660
tgatagtagg						670

<210> 755
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (92)...(308)
 <223> similar to gi2253354 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 755
cgaggacaaa ccaactcaact acaccaaaaag gtcagaccaa gaccgcgtcg gcacgcccac 60
caccggctca gcataagcat cagcaggcag gaccaattac caaacctgga tccgccagac 120
tccaggaact ggggatggag tgggtctcag ctctttaccg cgatggtagg acattctaca 180
cagactccgt gaagggcaga ttcacatct ccagagacga ttccaagaac atggtgtttc 240
ttcaaatgaa tagcctgcga gtcgaggaca cggctgtata ttactgtgcg agagatcgtg 300
gatatcgtgg tgggtggaat tgc 323

```

<210> 756

<211> 1362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(1362)

<223> similar to gi3452473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 756
tttcgtgaaa cttatcaaga aacaccaggc tgctatggag aaagaggcta aagtgatgtc 60
caatgaagag aaaaaatttc agcaacatat tcaggcccaa cagaagaaag aactgaatag 120
ttttctcgag tcccagaaaa gagagtataa acttcgaaaa gagcagctta aagaggagct 180
aaatgaaaac cagagtaccc ccaaaaaaga aaaacaggag tggctttcaa agcagaagga 240
gaatatacag catttccaag cagaagaaga agctaaccct cttcgacgtc aaagacaata 300
cctagagctg gaatgccgtc gcttcaagag aagaatgtta cttgggcgtc ataacttaga 360
gcaggacctt gtcagggagg agttaaacia aagacagact cagaaggact tagagcatgc 420
catgctactc cgacagcatg aatctatgca agaactggag ttccgccacc tcaacacaat 480
tcagaagatg cgctgtgagt tgatcagatt acagcatcaa actgagctca ctaaccagct 540
ggaatataat aagcgaagag aacgagaact aagacgaaag catgtcatgg aagttcgaca 600
acagcctaag agtttgaagt ctaaagaact ccaaataaaa aagcagtttc aggatacctg 660
caaaatccaa accagacagt acaaagcatt aagaaatcac ctgctggaga ctacacaaaa 720
gagtgaagcag aaagctgttc tgaacggct caaggaggaa cagaccgga aattagctat 780
cttggctgag cagtatgatc acagcattaa tgaaatgtc tccacacaag ccctgcgttt 840
ggatgaagca caggaagcag agtgccaggt tttgaagatg cagctgcagc aggaactgga 900
gctgttgaat gcgtatcaga gcaaaatcaa gatgcaagct gaggcacaac atgatcgaga 960
gcttcgcgag cttgaacaga ggggtctccct ccggagggca ctcttagaac aaaagattga 1020
agaagagatg ttggctttgc agaagtagcg cacagaacga atacgaagcc tgttggaacg 1080
tcaagccaga gagattgaag cttttgactc tgaaagcatg agactaggtt ttagtaatat 1140
ggtcctttct aatctctccc ctgaggcatt cagccacagc taaccgggag cttctggttg 1200
gtcacacaac cctactgggg gtccaggacc tcaactgggt catcccatgg gtggcccacc 1260
acaagcttgg ggccatccaa tgcaaggtgg accccagcca tggggtcacc cttcaaggcc 1320
caatgcaaag gggtaacctg aggagcagta tgggagtcgc ct 1362

```

<210> 757

<211> 569

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (4)...(503)
 <223> similar to gill113865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 757

tatgggaagc	cagtttagag	aacctggaaa	tcgaacctga	tggaaatata	ctccagctca	60
atcagacact	ggaagagtgt	gtgcccaggg	ttaggagtgt	acatcatgtc	atagaggaat	120
gtaagcaaga	aaaccagtac	cttgagggga	acacacagct	cttggaâaaa	gtâââagcac	180
atgaaattgc	ctggttacat	ggaacaattc	agacacatca	agaaaggcca	agagtacaga	240
atcaagttaa	actggaggaa	aacactactc	tcctaggctt	tcaagacaaa	cattttcagc	300
atcaggccac	catagcagag	ttagaactgg	agâââacaaa	gttacaggag	ctgactagga	360
agttgaagga	gagagtcact	atttttagtta	agcaâââaga	tgtactttct	cacggagaaa	420
aggaggaaga	gctgaaggca	atgatgcatt	acttgcagat	cacgtgcagt	gagatgcagc	480
ââââagttga	actttctgagg	taatgtatgt	accttctaga	cgtcacgaat	cccacagagc	540
acctcaccag	atctaacttc	cactgcttg				569

<210> 758
 <211> 1488
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (407)...(1490)
 <223> similar to gi5915896 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 758

aggggggactc	ctgaggggatg	aagtgggcga	tccagactcc	tagcttccca	ccgaggcact	60
aagggaatca	gagtgggtca	gcgagtacgg	gaagtgtggt	ccacgagggc	tggttcctga	120
gggagaatcc	acaagcccc	tcccctcttc	agtggatact	gaagactccc	tcgacgaagg	180
accgggggcc	ctggtatttg	agagtgattt	gctactaggc	caggatctgg	agtttgagga	240
ggaagaggaa	gaggaggaag	gcgacggcaa	cagtgaccag	ctcatgggct	tcgagagaga	300
ctcggaagga	gactctctgg	gggccaggcc	tgggcttccc	tatgggctga	gcgacgatga	360
gtctgggggc	ggccgggcac	taagtgcgga	gagtgaagtt	gaggagccag	ccaggggtcc	420
aggggaggcc	aggggtgaga	ggccaggccc	agcctgccag	ctgtgtgggg	ggccgacagg	480
tgaggggccc	tggtgtgggg	caggagggcc	gggtgggggg	cccctgctgc	ccccacggct	540
actgtactca	tgccgcctct	gcaccttcgt	gtcccactac	tcgagccacc	tgaagcggca	600
catgcagaca	cacagcggag	agaagccgtt	ccgctgtggc	cgctgcccct	acgcctcagc	660
ccagctcgtc	aacctgacac	gacatacccg	cacccacact	ggcgagaagc	cctaccgctg	720
tcccactgct	ccctttgcct	gcagcagcct	gggcaacctg	aggcggcatc	agcgtaccca	780
cgcaggggccc	cccactcctc	cctgcccgcac	ctgtggcttc	cgctgctgta	ctccacgacc	840

agccccggcct	cccagtccca	cagagcagga	gggggcggtg	ccccggcgac	ctgaagatgc	900
tctgctcctt	ccagatttga	gcctccatgt	gccaccaggt	ggtgccagtt	tcctgccaga	960
ctgtggggcag	ctgcgggggtg	aaggggaggg	cctctgcggg	actggatcag	aaccactgcc	1020
agagctgcta	ttcccttgga	cctgccgggg	ctgtggacaa	gagctggagg	agggtgaggg	1080
tagtcggctg	ggagctgcca	tgtgtgggcg	ctgcatgcga	ggagaggctg	gaggggggtgc	1140
cagtgggggg	cccaggggcc	ccagtgcaca	aggctttgcc	tgtagcctct	gcccctttgc	1200
cactcactat	cccaaccacc	tggcccggca	catgaagaca	cacagtgggtg	agaagccctt	1260
ccgctgcgcc	cgctgtcctt	atgcctctgc	tcatctggat	aacctgaaac	ggcaccagcg	1320
cgcccataca	ggagagaagc	cctacaagtg	ccccctctgc	ccttatgcct	gtggcaatct	1380
ggccaacctc	aagcgtcatg	gtcgcacca	ctctggtgac	aaaccttttc	ggtgtagcct	1440
ttgcaactac	agctgcaacc	agagcatgaa	cctcatacgt	cacatgcc		1488

<210> 759

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (179)...(419)

<223> similar to gi200549 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 759

gcgcaggccc	atcggggcca	ctctggagca	gacgctgcct	catgcccccg	ggtctctgct	60
gtgaggagga	gggaggggac	agacctccat	ggcaccacag	tgtcctgggg	aactgaggcg	120
agtcacagag	gctgcagagg	aaagtgtgaa	cttgctcacag	tgggggaagg	acgtggtgcc	180
gaggccaggc	tgcagggctc	cctgtgcctc	ccagccccgc	acctcctccc	tctggaccgg	240
ctcccacaag	gacatcccac	ccggtcagca	gcccacggag	gctcccgtgc	agggaccacc	300
ccctccccgt	gctggggcgg	ctccggggcc	acccccctct	ccctgctgcc	cccagagctg	360
ctcaccctgg	ggatcttccc	cccacctctc	tctgggtcac	cgtagggctca	ggccctgccc	420
gatggctgg						429

<210> 760

<211> 519

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(404)

<223> similar to gi5923788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 760
cagggattag atatctgtgc aaatggcagg tgcccagaaa gttggctgtg atgggtttatt 60
agggtctctt gcaagagaag atcattgtgg tgtatgcaat ggcaatggaa aatcatgcaa 120
gatcattaaa ggggatttta atcacaccag aggagcagggt tatgtagaag tgctgggtgat 180
acctgctgga gcaagaagaa tcaaagttgt ggaggaaaag ccggcacata gctatttagc 240
tctccgagat gctggcaaac agtctattaa tagtgactgg aagattgaac actctggagc 300
cttcaatttg gctggaacta ccgttcatta tgtaagacga ggccctctggg agaagatctc 360
tgccaaaggt cctactacag cacctttaca tcttctgggtg ctcctgtttc aggatcagaa 420
ttatggctct cactatgaat acactatccc atcagaccct cttccagaaa accagagctc 480
taaagcacct gagcccctct tcatgtggac acacacaag 519

```

<210> 761

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (67)...(375)

<223> similar to gi56588 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 761
accaacaaga aaatataaaa cttatgcaaa ctataaaccg aatagacttc acatacacag 60
ataaaataca caaaagcagc agaatacata ttcttttcaa gcagacatgg aagatctttc 120
aggattccat aggctaagtt ataaaaccaa tcttagaaaa tttaaaagga tagaaataac 180
aaagcatatt caccaagcag aatgggctga aactagaatt caatgacaga aagaaatttg 240
agaaactcgc aaatatattg aaattcaaga acacactgct aaataaccag tgggtaaaag 300
aagaaatcac aaagagaatt agaaaatgct ttaagataaa tgaaaataaa tataaaacac 360
accaaaactt aatatgcagc taaaaacagg catac 396

```

<210> 762

<211> 1400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1401)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (10)...(1152)
 <223> similar to gill113865 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 762

gaacgttgta	aagtgcagtc	ctccacttta	gtgtcttctc	tggaggcgga	gctctctgaa	60
gttaaaatac	agaccatat	tgtgcaacag	gaaaaccacc	ttctcaaaga	tgaactggag	120
aaaatgaaac	agctgcacag	atgtcccgat	ctctctgact	tccagcaaaa	aatctctagt	180
gttctaagct	acaacgaaaa	actgctgaaa	gaaaaggaag	ctctgagtga	ggaattaaat	240
agctgtgtcg	ataagttggc	aaaatcaagt	cttttagagc	atagaattgc	gacgatgaag	300
caggaaaagg	aatcctggga	acatcagagt	gcgagcttaa	agtcacagct	ggtggcttct	360
caggaaaagg	ttcagaattt	agaagacacc	gtgcagaatg	taaacctgca	aatgtcccgg	420
atgaaatctg	acctacgagt	gactcagcag	gaaaaggagg	ctttaaaaca	agaagtgatg	480
tctttacata	agcaacttca	gaatgctggt	ggcaagagct	gggccccaga	gatagctact	540
catccatcag	ggctccataa	ccagcagaaa	aggctgtcct	gggacaagtt	ggatcatctg	600
atgaaatnga	ggaacagcag	ctgctttggc	aagagaatga	gaggctccag	accatggtac	660
agaacaccaa	agccgaactc	acgcactccc	gggagaaggt	ccgtcagttg	gaatccaatc	720
ttcttcccaa	gcaccaaaaa	catctaaacc	catcaggtac	catgaatccc	acagagcaag	780
aaaaattgag	cttaaagaga	gagtgtgatc	agtttcagaa	agaacaatct	cctgctaaca	840
ggaaggtcag	tcagatgaat	tcccttgaac	aagaattaga	aacaattcat	ttggaaaatg	900
aaggcctgaa	aaagaaacaa	gtaaaactgg	atgagcagct	catggagatg	cagcacctga	960
ggtccactgc	gacgcctagc	ccgtccccctc	atgcttggga	tttgagctg	ctccagcagc	1020
aagcctgtcc	gatgggtgcc	caggagcag	tttctgcagc	ttcaacgcca	gctgctgcag	1080
gcagaaagga	taaaccagca	cctgcaggag	gaacttgaaa	acaggacctc	cgaaaccaac	1140
acaccacagg	gaaaccaggg	gacaactggt	aactgttcat	gggagggaac	gattgttagg	1200
aagtttgaa	agaaattgaa	atttgttgaa	aaggtttttt	caagagaaaag	tgaatcagct	1260
caaagaacaa	gtgagcctac	ctgggtcatct	ctgttcaccc	acctcacatt	ccagctttaa	1320
ctccagtttt	acatcccttt	attgccatta	actcgttaac	ttatgttggc	taataaaggc	1380
aaattctatt	aaaaaaaaaa					1400

<210> 763
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> similar to gi4204312 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 763

aaatacagcg	gaaaaacgaa	ggctccttcac	cagcgtttta	aatcattgca	ggaaaaacag	60
agataaagtc	cgtgtctttt	ctttttccac	caagtgcgtt	gacttgctac	agcagtactg	120

tatggctgct	gggcttgatt	acacgactga	cttgatggag	agtacaaaat	cacaggacag	180
actcaagatt	gtactagagt	tcaacagtac	acaagatggt	aacatttgcc	ttgcctctac	240
aatggctggt	ggactagtcc	tcaatttctg	tcggggccaa	tgttggtgta	ttattggatc	300
ctacttgga	tccagccaat	gatcttcaag	ccattgacag	agcatatagg	actggacaat	360
gtagagatgt	caaagtgctt	aagctg				386

<210> 764
 <211> 1008
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(1008)
 <223> similar to gi4099551 in the genepept database release 114,
 *Run with FASTXY 3.3t00, default parameters

<400> 764						
acggactgcc	ccggtcgacc	cacgcgtccg	cggagggttcg	acctgctgtg	gccgcccaagc	60
ccgggcgcgc	aagaagaaac	tcagcaagtc	agacatcatg	ctggtgcaga	gctccaatgt	120
acccagtaac	ccggcccagg	tgccgataga	ggagtccggg	ggctttggct	cccaccacca	180
caaccagaat	tactgctatc	aggtatgcct	gaccctgag	tccgccaaaga	ccgacctgat	240
gtttcttaag	ccctgcagcc	cttcgcggag	tacggacact	gagcacaacc	cctgcggggc	300
catcgtcacc	ggttacaccg	accagcagcc	tgatatcatc	tccaacggaa	gcattttgtc	360
caacgagact	aaacaccagc	gagcagagct	cagctatcta	gttgacagac	ctcgccgagt	420
taacagttct	gcattccagg	aagccgacat	agtaagctct	aaggacagtg	gtcatggaga	480
cagtgaacag	ggagatagtg	atcatgatgc	caccaaccgt	gcccagtcag	ctggtatgga	540
tctcttctcc	aattgcactg	aggaatgtaa	agctctgggc	cactcagatc	ggtgctggat	600
gccttctttt	gtcccttctg	atggacgcca	ggctgctgat	tatcgagca	atctgcatgt	660
tcttgcatc	catcaaactg	gtgctggatg	ccttcttttg	ccccttctga	tggaagccag	720
gctgctgatt	atcgagcaa	tctgcatggt	cctggcatgg	actctgttcc	agacactgag	780
gtgtttgaaa	cttcagaagc	ccagcctggc	gcagagcggg	ccttttccac	ctttggcaaa	840
aagaaggccc	ttcacagcac	tctggagagg	aaggagctgg	atggactgct	gactaatagc	900
cgagcgccct	acaaaccacc	atatttgact	cggaaaagga	tatgctagtc	aattctacag	960
gacttacctg	aagcagcatg	atttgcacaa	agtcgaccaa	caaaagca		1008

<210> 765
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (31)...(389)
 <223> similar to gi1184100 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 765
ccttggaaga cattgctgag tggatcctgg ccatgccagc tatgccccga gaggacactg      60
gcttcccagc caaggagcct gtccacaccc agccctcaga gccccagtga caatatcaga      120
gttggcagcc aggggcctgg tgctgcttgg agcacctctg agcgggtgtc tgaatacacc      180
ccaacacggc ccatattccc atattcagaa tgccgtcccc aggacccgag gctaaagccc      240
agcccccccg gccctcccc agtcctgccc ttcttcggtt ctgccatccc caagctcatc      300
tccagcccac ccctgcgac tggcctgcac atggccccaa ggtgcccccc aagggtgaag      360
ctgggtccct cccaacagcc ctttccactc acgtcct                                397

```

```

<210> 766
<211> 2337
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(2339)
<223> similar to gil403709 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 766
tttcgttgca attgcaacga atgggtgtgt gcctgctggt ggctcctact acatgatttc      60
caggtctctg ggcccagagt ttgggggtgc cgtgggcctc tgcttctacc tgggcactac      120
ctttgcagga gccatgtaca tcttgggcac catcgaaatc ctgctggctt acctcttccc      180
agccatggcc atcttcaagg cagaagatgc cagtggggag gcagcagcca tgetgaacaa      240
catgcgtgtt tacggcacct gtgtgctcac ctgcatggcc actgtggtgt ttgtgggtgt      300
caagtatgtc aacaagtttg cccttgtctt cctgggttgt gtcactctct ccactctggc      360
catctatgct ggggtcatca agtctgcctt cgacccaccc aacttcccga tctgcctcct      420
gggtaaccgc acgtgtctc gccatggctt tgatgtctgt gccaaagtgg cttgggaagg      480
aaatgagacg gtgaccacac ggctatgggg ccttttctgc tctctcgtct tectcaacgc      540
cacctgtgat gaatacttca cccgaaacaa tgtcacagag atccagggca tccctgggtg      600
tgccagtggc ctcatcaaag agaacctctg gagctcctac ctgaccaagg gcgtgattgt      660
ggagaggagt gggatgacct cgggtgggct ggccgatggc actcctatcg acatggacca      720
cccttatgtc ttcagtata tgacctcta cttcaccttg ctggttgga tctacttccc      780
ctcagtcaca gggatcatgg ctggttctaa ccgctctggg gacctgaggg atgccagaa      840
gtcaatcccc actggcacca tcttgcccat cgccaccacc tctgctgtct acatcagctc      900
cgttggtctg tttggggcct gcattgaggg ggtcgtcctg cgggacaagt ttggcgaagc      960
tgtgaatggc aacctcgtgg tgggcactct ggcctggcca tctccatggg taattgtcat      1020
cggatccttc ttctccacct gtggggctgg gctgcagagc ctcacggggg cccacgcct      1080
gctgcaggcc atctcgagg atggcattgt gcccttcttg caggtctttg gccatggcaa      1140
ggccaatgga gagccgacct gggccctgct cctgactgcc tgcattgtcg agattggcat      1200
cctcattgca tccctcgacg aggtggcccc catcctctct atgtttcttc tgatgtgcta      1260
catgtttgtg aatctggcct gtgcagtga gacgtgctg aggacacca actggaggcc      1320
acgttttcga tattaccact ggacctctc cttcctgggc atgagcctct gctggccct      1380
catgttcata tgctctggtt attatgcact ggtagccatg ctcattgctg gactcatcta      1440
caagtacatt gagtaccgtg gggcaaagaa ggagtggggc gatgggatac gagggtctgtc      1500

```

tctcagtgcg	gctcgcctatg	ccctctttacg	cctggaggaa	gggccccac	acaccaagaa	1560
ctggaggcca	cagctgctgg	tgctggtgcg	tgtggacca	gaccagaatg	tggtgcaccc	1620
ccagctgctc	tactgacct	cccagctgaa	ggcagggaag	ggcctgacca	tcgtgggctc	1680
tgctccttgc	ggcacctttc	tggaaaatca	tccacaggcc	cagcgggcag	aagagtctat	1740
caggcgctg	atggaggcag	agaagggtgaa	gggcttctgc	cagggtggtga	tctcctccaa	1800
cttgctgat	ggcgtgtccc	atctgatcca	gtctgggggc	ctcggggggc	tgcagcacia	1860
cactgtgctt	gttggtgctg	cccgcactg	gcgccagaag	gaagatcatc	agacgtggag	1920
gaacttcatt	gagctggtcc	gggaaaccac	agctggccac	ttagccctgc	tggtcaccaa	1980
gaacgtttcc	atgtttcctg	ggaaccctga	gcgcttctct	gaaggcagca	tcgaccgttg	2040
ggggattggg	cacgatggag	gcatgctcat	gctggtgccc	ttcctgctgc	ggcaccacaa	2100
ggtctggcgg	aagtgcgaaga	tgcttatctt	cactgtggcc	cagatggatg	acaatagcat	2160
ccagatgaag	aaggatctga	ccacatttct	gtatcattta	cgcactactg	cggaggctga	2220
ggtggtggag	atgcatgaga	gcgacatctc	agctttacac	ctatgagaag	acgttggtga	2280
tgggagcagc	gtttcccaga	tcctcaaaca	gatgcattta	accaagaatg	agcggga	2337

<210> 767

<211> 1788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1774)...(15)

<223> similar to gi2789430 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 767

gcggccgctc	gcgcgagtcg	acgcggcagc	ggttggtgag	cttggacttc	tcgctgaagc	60
tcttctcgca	ctcggggcac	ttgaagggcc	gctcgccctg	gtgagtccgc	tggtggcgca	120
gcaggtgcga	ggggcggtcg	aagctcttgc	cgcacaggct	gcagatgaag	gagacctcat	180
gcttgccgcg	gtgcacgcgc	tgatggatca	ccaagctgat	gtgcaggcgg	aagctcttct	240
tgcactcggg	gcacgtgtag	ggccgctcac	ccgtgtgcgt	gatctggtgt	ttggtcaggc	300
tggacttggt	gctgaagctg	ctgtcgcact	cggggcactt	gtagggtta	gggccaccgc	360
cgcgcctacc	agagctgggt	gacttgggac	gcggcttgag	cgcgtgcttg	gggttgaacg	420
tgggcccgcg	ttcgggtgag	acgcagcctc	cgcgcacgcg	gtggatgcgc	tggtgcagcg	480
tgagctgttg	cttggtgccg	aagctgatct	cgcattcggc	gcactcgtag	ggccccctct	540
tgatgtggtt	gcgctggtgg	atgatgaggt	tgatcttcag	gcggaagctc	ttgccgcact	600
ccatgcatgt	gaaggggcgc	tcgccgcgcg	ggttcgcgtg	ctgctggctc	gaggccccgc	660
ggttctcgct	cagggtgcgc	tcaccgtgca	cggaggggcg	cagccttttc	actgcggggg	720
ttcctagctg	cagggggcgg	gggctctcct	cgcctcggg	ggacatctcc	ccgggcagcg	780
gggtctggta	catactggcc	tcatactctc	cggacagctg	cccaagggat	tgcaagtgtc	840
gcggcagctc	atcctcctcc	tcctcttctt	cctcctcgte	ttgttctctt	gtcttgatca	900
cgatccccct	cgtgcagttc	ctctgctgca	ccagcatctg	cttcagttcg	ctgaactcgc	960
tggagccttc	cgtggactcc	tccagcgtgt	tctctggctc	ctgcatgtcc	aggtctggct	1020
gttccccaca	ggggtcaccc	agctctgagt	cttggagacc	gtgctcttcc	acctgtccca	1080
tcaggggctc	aggtgtctcc	aaactttctg	agccctcgte	gttggtctgt	acctcgatct	1140
taatcacgat	cccatcgctg	gcagcactgg	gatctgtcgg	cgtttcgccc	tcctcagagt	1200
cttctctgct	ctgcatggtg	ggccgctccc	cgcgctccat	ctgtgacatg	aggtctggtt	1260
tggaaattgc	atagtcctatg	gaaaccaggg	actcgtagtt	gccccctcatc	acgttcttgt	1320
agagctcctt	ctgccactca	gacaggtttc	cccactcctg	ctccgagaag	tgcacagcaa	1380

catcatcaaa	tgtgacaggg	accttgggaa	cttctccatt	gctgccgggg	ggcagccgca	1440
ggatccagaa	atttctgttt	ttcagcaggt	tctccatggt	ctccagccgc	ctctgcagca	1500
gcccatactc	ctgcagcagg	gtccccaaca	cgaccactt	gctctccaga	tggttcgca	1560
actccacggc	tgtcttctcg	cagtcggcta	tcttcttttc	atttgtcccc	gtcctgcctt	1620
ccagggtcag	tagcctcatg	gcctgggcct	ccagcttcct	ctccactgct	tggacggcag	1680
cccacacagc	caagcgggtg	atctctgccg	tggggagcgg	ctgttccttc	tggactgcag	1740
aagagatctg	gaaaggggtg	tccttttggg	aaaccgcca	cgcgtccg		1788

<210> 768

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (17)...(728)

<223> similar to gi3043650 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 768						
tgaataactt	gttccactag	acagtaaggt	ttcaagacca	accaaatttg	ttgtttcgcc	60
caagaacctg	aagaaagatc	ttgctgaacg	ttggagcctt	cctgagattg	ttgggattcc	120
acaccaatta	tccaaacctc	agcgtcagaa	acagactttg	ccagatgatt	atttgagtat	180
ggacacactg	tatcccggca	gcctacctcc	agaactccgg	gtgaacgcag	atgagcctcc	240
agggcctcct	gagcaagttg	gactttctca	attccatcta	gagcccaaaa	gtcaaaatcc	300
agagaccctt	gaagacatcc	agtcctcttc	actccaggaa	gaagccccag	cgcagcttct	360
acagctccct	caggaggtag	aaccttcaac	ccagcaggag	gccccagctc	tgcctccaga	420
gtcctctatg	gagagtctag	ctcaaactcc	actgaatcat	gaggtgtcag	ttcaacctcc	480
aggtgaggat	caagctcatt	ataatttgcc	caacattaca	gttaaacctg	cagatgtgga	540
ggttaccatg	acttcagagc	ctaccaatga	gacagaatct	tcccaaacc	agcaggagac	600
cccaattcag	tttcagagg	aggtggaacc	ttctgcaccc	caacaggagg	ccccaattga	660
gcctccagtt	cctcctagga	gcattngtgt	tccgagagcc	tcaattgtct	catttnnnnn	720
ggggggggg						728

<210> 769

<211> 4975

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(4975)

<223> similar to gi5689519 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 769

aaggcatcca	ggatgcggtg	cggggcgggc	cgggtgcccc	ccgccccgtc	acggcagccg	60
cggcgggccga	ggggaccggg	ccagggccgg	gggcggcggc	ccgagcccg	gtagcgccgg	120
cggcgggagg	ggcgccctga	gggcggacgg	gcgggcgccc	gggttgccgg	ggctcggtgc	180
cgctccgcac	tgccccggcg	gtctcgcccc	cggcgccatg	agtggcgccg	gcggcgagg	240
gggtcgccg	cccagtcgt	tcgcccacta	ctttgtcatc	tgccgactgg	acacggagac	300
cgggctggag	ccggacgagc	tgccggcatt	atgccagtac	atacaggctt	ctaaagccag	360
ggatggtgcc	agccctttca	tttcaagtac	gactgaagga	gaaaattttg	agcagacacc	420
attgagaaga	acattcaaatt	ctaaggtcct	tgccagatat	cctgagaacg	tagaatggaa	480
tccctttgac	caagatgcag	taggaatgct	atgtatgccg	aaagggctgg	cattcaagac	540
ccaggctgat	cccagggagc	ccaattcca	tgccctttatt	atcacaaggg	aggatggctc	600
tcggacattt	gggtttgccc	tcacatttta	tgaagaggtg	actagcaagc	agatctgcag	660
tgcaatgcag	accctctacc	acatgcacaa	tgctgagtat	gatgtcctac	atgtccccc	720
tgctgatgac	agagaccaga	gcagcatgga	ggatggtgaa	gacactcctg	tgaccaaact	780
gcagcgcttc	aactcctatg	acattagccg	ggacactctc	tacgtctcta	agtgcattctg	840
cctcatcaca	cccattgtct	tcattgaaggc	atgtcggagc	gtgctggagc	aactccacca	900
ggcagtcact	tcacctcagc	cccctccact	gccccttgag	agctacatat	acaacgtact	960
ctacgaggtg	ccgctcccac	ctcctggccg	gtccttgaa	ttttctgggg	tctatggggc	1020
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ggtttttgaa	ctgctcgggg	tggagaatgt	gtttcagctt	tttacttgtg	cccttctgga	1140
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tctcctgcat	ttcttagatg	ctcctgttcc	atacctgatg	ggtttgcat	ccaatggcct	1320
ggatgaccgg	tcaaagctgg	agctgcctca	agaggctaac	ctctgctttg	tggacattga	1380
caaccacttc	attgagttgc	cagaggactc	gccacagttc	cccaacaaat	tggagtttgt	1440
ccaggaagtc	tctgagattc	tcattggcatt	tggaaattccc	cctgaaggga	atcttcattg	1500
cagtgaagtc	gcctccaagc	tgaagaggct	gcgggcctct	gagcttgtct	cggacaagag	1560
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tgagatttat	gaggtgtttg	tcattccaacc	cagccaggat	aaggaatcct	ggtttaccac	1860
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aataatgtgt	catgatgatg	atgataaaga	ccctgtactc	cgggtatttg	attcccagat	2040
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cctgctgtta	gataatgacc	agagggagaa	gtacatccag	gaagccagga	ctatgggcag	2400
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gaagtttgta	gagggcctgc	tgaaggatg	ccgcaataag	accaagagga	tgctgggtgga	2520
aaagatgggc	cgagaagctg	tggagctagg	gcattggggag	gtgaacatca	caggggtgga	2580
agagaacacc	ctgattgcca	gcctttgtga	tctcctggaa	aggatctgga	gtcatggact	2640
acaagtgaat	caggggaaat	cagccttatg	gtccacactg	ttacattatc	aggacaaccg	2700
gcagagaaaa	ctcacatcag	gaagcctcag	tacctcagga	atacttcttg	attcagaacg	2760
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gcgactgtcc	atggaaaaaa	agttactttc	cagacacctg	aagcagctcc	tctcagacca	2940

tgagctcacc	aaaaagttat	ataagcgcta	tgccttcctg	cgctgtgatg	acgagaagga	3000
gcagttcctc	tatcacctcc	tgtctttcaa	tgccgtcgat	tacttttgct	tcaccaatgt	3060
cttcacaact	atcctgatcc	cgtaccacat	tctgatcgta	ccaagcaaga	agctgggggg	3120
ctccatgttc	actgccaacc	catggatctg	tatatcagga	gaattgggtg	agacacagat	3180
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tgtgatggtc	aggaatgaga	tcacaggaca	tacctacaag	ttcccgtgtg	gccggtgggt	3360
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ccagcctgag	gtggatgaga	ggccatgccg	gaccccgccg	ctgcagcagt	cccccagtgt	3480
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tttcttgga	aaagcacaaa	cctattatga	gacattagag	aagaatgaag	tagtccctga	3780
ggaaaactgg	catacaagag	cccggaactt	ctgccgattt	gtcactgcaa	tcaacaatac	3840
tccccggaac	atcggcaagg	atggcaagtt	tcagatgctg	gtgtgcttgg	gagccagaga	3900
tcacctccta	caccactgga	ttgccctgct	ggctgactgc	cccatcactg	cacacatgta	3960
tgaggatgtg	gcactgatca	aagaccatac	acttgtcaat	tccttgattc	gtgtgctgca	4020
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atgttacact	cactgtaaaa	agaaaactag	gaggattttt	gggaataaat	aatctatttt	4260
agagtttatt	tgctgatttg	ctttttacac	actttcatgt	gaaagagtga	tagggagagg	4320
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ggaagcctga	ggcctccctg	gactgagcct	gtggcactgc	gtgcgggaca	gttatgtttc	4440
cttgccccgt	cgcattaatg	aggcccttcc	acatcatttt	taaactaatg	tttttctata	4500
ttaacattat	tatggatatt	tggctttcat	aggccacaca	caggtggtct	gccgcgggaa	4560
gcccccaggc	ccccaatcaa	agggattttt	tagtagtgcc	ctcctaagca	agcacccaat	4620
gagtcagtcc	ccacgtattt	tccttttttg	tccagtattg	tttgggaagg	agacatgccc	4680
gggatgtgtc	catccgtgcc	caaataccca	catttccctg	ttggccacag	tttccacaga	4740
agtaaacata	agcatgtttt	aacaggtttt	tccttttctt	ttttcttttt	taaaatgttt	4800
tattttattta	acccgccatt	gtgtgttttt	aagtattttt	tttttttaag	ggaaaggaaa	4860
agcttgtcac	aatctaactg	gctatgttat	tattattaaa	tttatgtttt	gcaacttaga	4920
aaccagctac	agtatggccc	acttaataaa	acacctcaaa	caaaaaaaaa	aaaaa	4975

<210> 770

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(337)

<223> similar to gi854065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 770

gtagatctgc	gtgtgcgttc	ggtgtgtggc	cggatgtggt	gggtgtgtgc	gaggagcacg	60
ttttatctgg	agtgccttgg	gtgggtgtgta	tttggtttgc	gctttgacat	gcagcatgtg	120
tttgtgtgtg	cacgcttata	ggttgtatgt	ttctgcccga	ttatagtggg	attatgtggg	180

tgcggtttga	aggtgggtgt	gtgctgttcc	tgccgggggt	tgtgggtcgtg	ctgtgggtgag	240
tgtatatgtg	tgtgcaatgt	gtggatgtgt	gtgtgcccgt	tgaagcttgt	gtgcatatgt	300
gtggagtgtg	tttatgctta	aatgcagtgt	gccaaagggg	gttaca		346

<210> 771
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (79)...(381)
 <223> similar to gi1335199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 771						
taaaaagagt	aagttggaaa	atactcagtg	ctgatgagaa	agtggggtaa	ttgaaactct	60
tatacatcat	tctaggaaca	tccacttagg	aaaacaactt	ggcagtgctt	aataaagtcc	120
agtatatgca	ttccctataa	cccagaattt	ttactctcag	gtgtataccc	aacagaaatg	180
caggtgtgtg	ttcaccagaa	atcatgttca	agaatgttca	tggtatcact	agtcatgagg	240
cacaaaaact	ggaaatgttc	atcaacaatg	agtaggataa	ataagttgtg	ttaatatatta	300
tacaattgaa	aattatacag	cagaaagaat	aaataatcta	aacctacaca	caacagcatg	360
aagaaatctc	atgagtggaa	t				381

<210> 772
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (203)...(406)
 <223> similar to gi4589576 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 772						
actgcctgtt	acgtgccaa	tgctttttgt	taaggacata	atgtttttga	ctggggatca	60
tgtttggctg	atgtaaatat	taatgccaaa	ataggagcta	ggatgaaagt	aacactgtaa	120
ttagtagtag	aattttattt	atattaaaa	gtgtcatgac	gtaatTTTTA	tggtttggct	180
caagcaacaa	ttttcagagt	gcacctcat	tgatgctact	cacagagacg	tggtatgtgt	240
gttactgctt	tctaactctg	cctactacgt	ggcctattat	gatgatgaag	ttgataaagt	300
aaaccagtat	caacgactaa	gtctagaaaa	cctggaaaaa	attgaaatag	gccctgaacc	360
cactcttttt	ggtaagccaa	aagttctcct	gcattgcgact	gca		403

<210> 773
 <211> 357
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (179)...(358)
 <223> similar to gi29963 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 773
 cttcctttat taatgattcc atttagcctc acaaatatca gagtaggata cttattgatg 60
 ttgccttcct gatttacttt atcccataag actgtagata ccatttctgc cttgaagcct 120
 aaaaactttc tttttattca gaccgagtta cattagtgc ctagggttga cgtgctacga 180
 tggagatgcc actacaggag catgggccta tgtgaggatc ctatcataat gtgggggagt 240
 agggatgggtg aaccccgcg ggtcagctcc atgcagaagg ggggcaacat gaaggagggtg 300
 tacaccgct tctgtaccg cctcaccag attgagactc tttcaagac tggggac 357

<210> 774
 <211> 422
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(424)
 <223> similar to gi200407 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 774
 gactcaaaga ttattagaca tgttagaatt catactggta agaagcccta tgtatgtaag 60
 gaatgtggga aaggccttca gggggaactc agaacttctt agacatgaga gaattcacac 120
 tggagagaaa ccctatgaat gctttgagtg tggaaaggct ttcaggcgga cctctcacct 180
 tattgtccac cagagaattc atactggaga gaaaccccat caatgtaatg agtgtgcaag 240
 aaccttttgg gataattctg agctgcttct ccaccagaaa attcatattg gagagaaacc 300
 ttatgaatgt agcgagtgtg agaaaacatt tagccagcat tcccaactta tcatacatca 360
 gagaattcac actggagaga agccttatga gtgccaagaa tgtcagaaga cttttagtcg 420
 gg 422

<210> 775
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (349)...(238)
 <223> similar to gi2197085 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 775
 attgattgaa tgaacctgat ctctagagta gaccattatt agtggctctt ttgaagggaac 60
 agtattaaag ccattcccta tagctcaggt ccatggcgcc taagtaggta aaaaagttga 120
 aagaaattat taagaaagac atagtaagtc ttgaagtcaa gtagtatcag tcctccaact 180
 ttgttctttc cactcaatgt tgagtttatt attctggatt tttgcttctc caaactttgg 240
 actcagtttg ttgatattga caaagtaaat tactgggatt ttgattatga ttgcaagcat 300
 caatggaaaag aactaatacc ttgacaatat ttagctntct tatacatgaa caagaaatat 360
 ctgtcattta ttaagttn 378

<210> 776
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (148)...(353)
 <223> similar to gi3986752 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 776
 cgccctacac aatggatcga atatactgta tacagctcgt ggatacgtac gcctagcaca 60
 ggcccccatc tcgaatacat aagatatgaa ggattagtaa cgatacatgc tgagtcagat 120
 atagagatgg ttcgtcctgc agcgccctcac tccagaggag aggtctacga caacagtgcg 180
 tgtgagccac ttcgtggagg agttcaagag gaaacacaaa aaggacatca gccagaacaa 240
 gcgagccgtg agggcgctgc gcgcccctg cgggagggcc aggaggaccc tgtcgtccag 300
 caccagggcc aacctagaaa ttgattcact ttatgaaggc attgacttct a 351

<210> 777
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(322)
 <223> similar to gi1943947 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 777

ggcatgccgg	gtgccagttc	aaagccctgc	tgtggaagaa	ttggctctgc	agactcagga	60
acccggctct	tttcttgct	gaattcttct	ggccttgat	cctgtttgta	attctgacag	120
ttcttcgttt	tcaagaacct	cccagataca	gagacatttg	ttatttgcag	ccccgagatc	180
taccagctg	tgggtgtatc	ccctttgttc	aaagccttct	ttgtaacact	ggatcaaggt	240
gtaggaactt	cagctatgaa	gggtcaatgg	agcatcattt	tcggttaagag	aaacacaaaag	300
atctttttca	gaaatctcag	aaagctgata	catagaacag	gg		342

<210> 778
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> similar to gi488551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 778

ggagccaggc	cttatgtatg	cagcgaatgt	gggaaagagt	tcagtcggaa	acacacactt	60
gttctgcacc	aacgaactca	caactggagaa	aggccttatg	agtgcagtga	atgtgggaag	120
gccttttagcc	aaagctccca	ccttaatgta	caactggagaa	ttcacagcag	tgattatgag	180
tgtagcagat	gtggtaaagc	tttcagctgc	atctccaaac	tcattcagca	ccagaaagtt	240
caactggag	aaaagcctta	tgagtgcagc	aagtgcggga	aagccttcac	tcaaagaccc	300
aacctcatca	ggcactggaa	agtcacact	ggggaaaagg	ccttatgtgt	gtagtgagtg	360
cgggagagaa	ttcatccgga	aaca				384

<210> 779

<211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(314)
 <223> similar to gi1698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 779
 cccagtagca tctgaagac aaaacacaat cagagcaatg gttaccaaca ggtagaagtg 60
 gtccagtagca agcaaaagag gtccagtagca gagcaaagggt catggcaggg gttttttggg 120
 atgctcaagg caatatgcct gctgactttc tggaggggcca aagaacaata acatctgctt 180
 attatgagat gacttggaga aaactagcaa aagatttttag cagaaaaaca cccaggaaag 240
 cttctccaaa gagtccttct aaaccatgac aatgttcttg ctcattattc tcatcaaaca 300
 agggcaattt ttc 313

<210> 780
 <211> 684
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(552)
 <223> similar to gi1504022 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 780
 ggcacgagca ataacaatca cacagaaatt caagaaattt ctttagcatt aaggagtcac 60
 atgagtaaag caccaagtaa tacattccac ccccaagatt tctctgatgt attagtttta 120
 ttttgtagtg gaactctcat agaacagggg aggacaattg gttggaaaga ctgttctata 180
 gctgccagag actggataag cgtgaccagt caacaattcc acgcaatctc ctgaagacag 240
 atgctgtcct ttggcagtggt gccatatggg aagctgcaca attcactggt ctttctaagc 300
 tgagaacccc actgggcaga gctcaagaca cttccagac aattgaaggt atcattcgaa 360
 gtctcgagc tcacacatta aaccctgac aggatgttag tcagtggaca actgcagaca 420
 atgatgaagg ccattgtaac aaccaactta gacttgttct tcttctgcag tatctggaaa 480
 atctggagaa attaatgtat aatgcatacg agggatgtgc taatgcatta acttcacctc 540
 ccaagggttg tttccatgag atagtgttg tttatagcag tttaatggtc acagctggca 600
 gtatgtgcag agctgaaatc acagtagact tgtgtatttg gtttatatat aggtgagaca 660
 tccttaccta caaattgaac cagg 684

<210> 781
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(393)
 <223> similar to gi2065210 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 781

ggtgaaggat	aagttgctgc	atttagtccc	tcctacaacc	aagaaagagc	acaatgccta	60
tctggatttc	ggagggaaaca	cattcctcat	ttgggtgtgt	tactccagcc	catttatcga	120
gtgagccgaa	aggctgccaa	ttttgagtgg	agtccagaac	aggagaaggc	tctgcaacag	180
gtccaggctg	ctgtgcaagc	tgcttggcca	cttggggccat	acgaccagc	agatccaatg	240
gtgcttgagg	tgtcagtggc	agatagggat	gctgattgga	gctgttggca	ggcctccata	300
ggtgaatcac	agtggaggcc	tctagaacat	tggagcaagg	ccctgccctc	ttcttcagat	360
aactactctc	cttctgagag	agagctcttg	ctcgtgcc			398

<210> 782
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (277)...(523)
 <223> similar to gi3327228 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 782

atatttatagg	ctagaataca	atctctaaaa	ggccctttct	gattatctta	acccaattca	60
ttgcaaatat	tcaccattaa	gataagagtc	actctgtaga	acctgtcaat	tttctcagtc	120
ttaaggcttt	gagaacactt	taatttttct	ataaatccga	gttgaatgta	ctgccgggaa	180
ggaaaagctg	gagccccagg	gcctatgggt	cactccacca	tcattaatgt	ttacatccac	240
ctttcagatc	tcatttttga	tgaagaggaa	ggagcggttt	ccacaagggg	cacctccggt	300
cagagcattg	aactgggtcc	tcccacccca	tgcaaaccat	cacggaaata	catttggtgg	360
ccagattatg	gcgtggatgg	agacagtggc	tactatttct	gcaagccgcc	tgtgttgggc	420
tcatcccttt	ctgaagtcca	tagatatggt	taagtccgg	ggaccatcta	cagttggaga	480
tcgtcttgtc	ttcactgcca	ttgtcaacaa	tacatttcag	acctggtaaa	gtgagccctt	540
aggetgctat	gaagaaattt	aaacttgcac	aaatgtaatt	tttaatttca	gcctggagtg	600
ttgaagttgg	agttcgctg	gaggcctttg	actgt			635

<210> 783
 <211> 467
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (220)...(467)
 <223> similar to gi387683 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 783
 ggcacgagct tggctccatc cgctttgggg tttccagtct ttgttggagt caggactctc 60
 aaaagaaggg aacgcgttat aggggcccac actggatttg gggactgcaa aggcgagcag 120
 cgctcgttca gtttatctcc tgggaacgca ccaggagttg ggcacacgcg ggagctgggt 180
 cgggtgctcct ggcaggtaac ggcttgttcc cgggtgcatac ggcagactgc ggaggaacgg 240
 gaggccgaga ggcagcaggc gaaccgcac ctcctgcaga tgcagcagga ggcctatcat 300
 aagagccttg cacagactgt gaccgctgac cctctgtgcy tgcacagttg cgtcagtcgt 360
 cggcatgcag atgatggcgc cgtgggtggg cgagttgagc tgcatacata ttgacgac 420
 atcggacttc ttatgcgcgg gtgcactgtg tctttggatg atggagg 467

<210> 784
 <211> 784
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(784)
 <223> similar to gi158591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 784
 ggcacgaggg cccaggagga gcaggggggc tccgctgtgc gcaggatcgc ccaggaagtg 60
 cagcgctttg cccaggagaa aggtcatgac gccagtcaga tcacactagc cttgggcaca 120
 gctgcctcct accccagggc ctgccaggct ctcggggcca tgctgtccaa aggagccctg 180
 aaccctgctg acatcacctg cctgttcaag atgttcacaa gcatggacct tcctccggtt 240
 gaacttatcc gcgttccagc cttcctggac ctgttcacgc agtcactctt taaaccaggg 300
 gctcggatca accaggacca caagcacaaa tacatccaca tcttggcgta cgcagcaagc 360
 gtggttgaga cctggaagaa gaacaagcga gtgagcatca ataaagatga gctgaagtca 420
 acgtcaaaag ctgtcgaaac cgttcacaat ttgtgttgca acgagaacaa aggggcctct 480
 gaactagtgg cagaattgag cacactttat cagtgtatta ggtttccagt ggtagcaatg 540
 ggtgtgctga agtgggtgga ttggactgta tcagaaccaa ggtactttca gctgcagact 600
 gaccataccc ctgtccacct ggcgttgctg gatgagatca gcacctgcca ccagctcctg 660
 cacccccagg tcctgcagct gcttggttaag ctttttgaga ctgagcactc ccagctggac 720
 gtgatggagc agcttgagtt gaagaagaca ctgctggaca ggatggttca cctgctgagt 780

<210> 785
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (122)...(351)
 <223> similar to gi5262617 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 785
 ggcacgaggg tgaagaggaa gcagtacgat gcctacggct ctgcaggctt gggcctgggg 60
 ccagcggctc ccagcatagc tactggaagg gaggccccac tgtgaacccc gaggagctgc 120
 tcagggaagac cgacggcgaa agatcgtcct gatgctatcg agagcatcat acatgctaag 180
 aaaaagccaa ctgggacttc tcaacggcac caattactgc catttagccc acgagctgcg 240
 tctcagctgc atggagagga aaaacgtcca gattctaata atggatccct ccgccttggc 300
 aagcgaccga tataacctca tactggcaca aaccagacag agaccggatc t 351

<210> 786
 <211> 1468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (57)...(1468)
 <223> similar to gil58591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 786
 gaaaaaagaa gctgccttgt tagtaacggg ctctatgggt tttctcatca agaggctcatg 60
 acgccagtca gatcacacta gccttgggca cagctgcctc ctaccccagg gcctgccagg 120
 ctctcggggc catgctgtcc aaaggagccc tgaaccctgc tgacatcacc gtctgttca 180
 agatgttcac aagcatggac cctcctccgg ttgaacttat ccgcgttcca gccttcctgg 240
 acctgttcat gcagtcactc tttaaaccag gggctcggat caaccaggac cacaagcaca 300
 aatacatcca catcttggcg tacgcagcaa gcgtggttga gacctggaag aagaacaagc 360
 gagtgaagcat caataaagat gagctgaagt caacgtcaaa agctgtcgaa accgttcaca 420
 atttgtgttg caacgagaac aaaggggcct ctgaactagt gccagaattg agcacacttt 480
 atcagtgtat taggtttcca gtggtagcaa tgggtgtgct gaagtgggtg gattggactg 540
 tatcagaacc aaggtacttt cagctgcaga ctgaccatac ccctgtccac ctggcggttg 600

tggatgagat	cagcacctgc	caccagctcc	tgcaccccca	ggctcctgcag	ctgcttggtta	660
agctttttga	gactgagcac	tcccagctgg	acgtgatgga	gcagcttgag	ttgaagaaga	720
cactgctgga	caggatgggt	cacctgctga	gtcgagggtta	tgtacttcct	gttgtcagtt	780
acatccgaaa	gtgtctggag	aagctggaca	ctgacatttc	actcattcgc	tattttgtca	840
ctgagggtgct	ggacgtcatt	gctcctcctt	atacctctga	cttcgtgcaa	cttttcctcc	900
ccatcctgga	gaatgacagc	atcgcaggta	ccatcaaaac	ggaaggcgag	catgaccctg	960
tgacggagtt	tatagctcac	tgcaaatacta	acttcatcat	ggtgaactaa	tttagagcat	1020
cctccagagc	tgaagcagaa	cattccagaa	cccgttggtg	aaaaaccctt	tcaagaagct	1080
gttttaagag	gctctggcag	cgtcttgaaa	atgggcaccg	ctgggaggag	gtggatgact	1140
tctttacaaa	ggaaaatggt	agcagcttca	gtgagaaaact	gcccttacaa	acagtccctt	1200
ctctgctgtc	aatccaatac	tgctcccaaa	tctgttttct	agtgttcatt	tccctcaagg	1260
caggcgctgg	gctcccacga	cccctcagga	cagatctggg	ccgtcagccg	cgggcccgtg	1320
ggaactccac	tcggggaaact	cctttccaag	ctgacctcag	ttttctcaca	agaaccagtt	1380
tagctgatgt	tttattgtaa	ttgtcttaata	ttgctaagaa	caagttatca	gttaattttt	1440
aaaaaagcct	ttctgctggg	ttggatta				1468

<210> 787

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (342)...(0)

<223> similar to gi854065 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 787

tttcgtctct	gatccggctc	agctttccag	tcagctgcgg	aaggagccac	gctttcgggg	60
gttgcaagat	ggcggccacc	agtggaactg	atgagccggt	ttccggggag	ttgggtgtctg	120
tggcacatgc	gctttctctc	ccagcagagt	cgtatggcaa	cgatgtgagt	atgactcacc	180
cacagctccc	accactcag	ctagcctggg	atctctgcag	gacctgcctg	ccactaagtt	240
ataacttcac	gtcctgataa	tctactgcag	accctctcca	cttacaccag	aaactgcacc	300
ttcggttcagt	tcggttttaat	cttggtccac	aaacgcagga	ctaacgcctg	tggaagtggg	360
tccccaagtt	ggccacgctt	tagaattact	ggggagcttt	taaacatccc	g	411

<210> 788

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(772)

<223> similar to gill129173 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 788
tgagacctgg ctcatgccac tgagcagctg aacatgctca cagaggcctc aaaaaaacac 60
tcgggggctg ctgcagtctg cccaggaaga actgaccaag aagggaagccc tgattcagga 120
acttcagcac aagctaaacc aaaagaaaaga ggaagtagaa cagaagaaga atgaatataa 180
cttcaaaatg aggcaactag aacatgtgat ggattctgct gctgaggatc cccagagtcc 240
taagacacca cctcactttc aaacacattt ggcaaaaactc ctggaaacac aagaacaaga 300
gatagaagat ggaagagcct ctaagacttc tttggaacac cttgtaacaa agctaaatga 360
agacagagaa gtcaaaaatg ctgaaatcct cagaatgaag gagcagttgc gtgaaatgga 420
aaacctacgc atggaaaagtc agcagttaat agagaaaaac tggctcctgc aaggtcagct 480
ggatgatatt aaaagacaaa aggaaaacag tgatcagaat catccagata atcaacagct 540
gaagaatgaa caagaagaaa gtatcaaaaga aagacttgca aaaagtataa tagttgaaga 600
aatgctgaaa atgaaagcag acctagaaga agtccaaagt gccctttaca acaaagagat 660
ggaatgcctt agaatgactg atgaagtcga acgaacccaa actttggagt ctaaagcatt 720
ccaggaaaaa gaacaactga gatcaaagct ggaagaaatg tatgaagaaa 770

```

```

<210> 789
<211> 493
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (51)...(494)
<223> similar to gi2564328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 789
ggcacgagac ctgctctgta actcacattg tgtccttctc tctccctttc cttaacccctt 60
cccattccgc ttcaactcct ggccatacag agaatgaaca gccttccctc gtttggtttg 120
acagaggaaa gttttatttg acttttgaag gttcttccag gggacccagc cccctaacca 180
tgaggagctca ggacactctc cctggttcag cagcatttac agaaacagtc aatgcctatt 240
tcaaaggagc agacccaagc aaatgtatcg ttaagattac cggagaaatg gtgttgtcat 300
ttcctgctgg catcaccaga cactttgcc acaacccgtc cccagctgct ctgacttttc 360
gggtgataaa tttcagcagg ttagaacacg tcctgccaaa cccccaactt ctctgctgtg 420
ataatacaca aaatgatgcc aataccaagg gaattctggg taaacatgcc aaatttgatg 480
actcacctaa aga 493

```

```

<210> 790
<211> 342
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (2)...(338)
 <223> similar to gi498736 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 790
 tggtaaagca tttaaagagt gttcaggact tagcgcccat cttgtaatcc attctggaga 60
 aaaaccttac aaatgtaatg agtgtaacaag aacttcaggc acaaattttc cctcactcaa 120
 cagagaagtc atactgcaga aaaaccttac acacgtaatg aatgtggcaa ggtctttggt 180
 caattgcacg gcatcaaata attcatagta cagagaagcc ttacaaatgt aacaaacgtt 240
 gaaagcattt agcaagcatt caggacttat ggcccatctt ctaatccata ctggagagaa 300
 actttacaaa tatagtgaat gcggcaaggt cttcctcgtg cc 342

<210> 791
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(264)
 <223> similar to gi3342234 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 791
 cgggtgtaga ggcagtcgga tgtcgtggag tggggggcag gagggggtgg agcggctggg 60
 gcctcgtggg cggtgagggg cggcaggggt ggtcttgga ggcaggtggg cggggaagtg 120
 ctgtagctta taggggtatg ggggagtgtg ggtcaaggca ggaggacagg tcgggctgct 180
 ggcagggtag tgcaaagggc tattcacgag gggtagagcc ttctctcca ggccgaattg 240
 ccaactccca acaccctcc tacagaaaat ttggagtcct cgctcattcc ctggcagccc 300
 ctaccttaata ggggtgtgaa ttaatctcgt gcc 333

<210> 792
 <211> 696
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(677)
 <223> similar to gi2224553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 792
agtgcctgc gcaaggaaca ggactcattt ctgagaagga tggacgcagc cccaacaaat 60
cagacaagga ccacatccgg tggcccatga gtggcgctca tgatcttcag caggcggcac 120
caggccctgg cggggcgcac cagggtcacc ccaaccagga taaccggacc gtcagccaga 180
tgctgagcga gcggtggtac accctggggc ccaatgagat gcagaaatac cacgacctgg 240
ccttccaggt gaaggtggcc cacttgcaac aaggaccgaa agaagtccag ctgagaggcc 300
aagcccacaa gccaggggct agcaggagtg taacaagggc tcgtgggagc ggagcatatc 360
agagacgggc actgccactg cccctggggg gtctcttgaa ctccagtcag ttgcagccca 420
aacacttcag agctcggata ccaaggagca gcttctgtgg ggcagaatgg ctgcacacag 480
tcagggaacc tggctcagcc tggcccaagc cttctccac agcgggggtac acagcctgga 540
cggcagggaa atagaccgtc aggcactacg ggaactgaca caggtggtgt ctggcagtcg 600
atcatatgtt ggcccaaagc catttactaa gtatggagct cccgccctca aggcagtaag 660
tggtaaagcca ggtaattcgt ggtcagagct cgtgcc 696

```

<210> 793

<211> 1089

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1086)

<223> similar to gi2370155 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 793
ccagccacga tagacaagag acgccaagat ggcaccaaca gcagcaacaa gccttacagg 60
agactttcag agagagaatt tgacccaaat aagcactgtg gagtattgga tgccgagaca 120
aagaaacctt gcacaagatc cctcacctgc aagacacatt cgctaagcca tcggagggca 180
gtcccaggcc ggaaaaagca atttgacctc ctcttgagc aacacaaaagc aaagtccccg 240
gaaaaagaag ttaaagataa agagcatctc ctgacttcca cgaggggaaat acttccaagc 300
caatccgggc cggcacagga ttctctgcta gggctcttcag ggagctctgg gccagaacca 360
aaagtgtcat cccctgcaaa atccagacca cccaactctg tacttcctag accatcatct 420
gcaaatagca taagcagcag cacatcttca aatcatagcg gccacactcc agagcccca 480
ctcccaccgg ttggaggtga cctcgccagc cgactgtcca gtgatgaagg ggagatggac 540
ggagccgacg aatccgagaa gctagactgt cagttctcca cgcaccaccc cagacctatg 600
gcgttttgct catttggag tcgcctcatg ggacgagggg actatgtgtt tgatagaaga 660
tgggatcggt ttcgattcgc actaaactcc atggtagaaa aacacctgaa ttcacagatg 720
tggaagaaga tccctcctgc gggcagatag gccccctgcc ctcgccagca gccacatca 780
ccacccccgt tccagcatcc gttttgcagc ctttcagcaa cccagtgct gtgtatcttc 840
cttcagctcc catcagctcg aggtcacct cttcttacat aatgacatca gccatgctct 900
caaacgcagc tttcgtgaca tcgccggacc cgagcgccct catgtccac accacagctt 960
tcctcatgt ggccgcaacc ctgagcatca tggactcaac cttcaaggcc ccatccgccg 1020
tgtccccgat accagccgtc atcccttccc catcccacaa gccatccaaa accaaaacca 1080
gctacgaaa 1089

```

<210> 794
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(48)
 <223> similar to gi559160 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 794

ccatcgcgca	ccgccgcacc	tcccccccat	ccccctccc	tctccccct	ctccccctc	60
ccaccacccc	ccccctgct	cctcccgccc	gccaccctcc	ccgatccctc	ctctcctgcc	120
atcccgctcc	agccactccc	tggtcctacg	tcatccccga	tttatcattt	tcctttctca	180
tactcccctc	acttcacctg	atcttggtat	ccagattgta	atttaacttt	ataaaaagag	240
ttaagaaagt	gttgctgttt	ttcttttttc	tggaatggat	taagattagc	atatctcttc	300
atttaatggt	tggtagaact	tgtagaaca	gtctgagtat	gtttttatcc	ctcgtgcc	358

<210> 795
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> similar to gi411989 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 795

gatgtgatgt	gcactgcttt	tcatgacaat	gaagagacat	ttttgaaaaa	atacttatat	60
gaaattgccca	gaagacatcc	ttacttttat	gccccggaac	tccttttctt	tgctaaaagg	120
tataaagctg	cttttacaga	atgttgccaa	gctgctgata	aagctgctg	cctgttgcca	180
aagctcgatg	aacttcggga	tgaagggaag	gcttcgtctg	ccaaacagag	actcaagtgt	240
gccagtctcc	aaaaatttgg	agaaagagct	ttcaaagcat	gggcagtagc	tcgcctgagc	300
cagagatttc	ccaaagctga	gtttgcagaa	gtttccaagt	tagtgacaga	tcttaccaaa	360
gtccacacgg	aatgctgccca	tggagatctg	cttgaatgtg	ctgatgacag	ggcggacctt	420

gccaaagtata	tctgtgaaaa	tcaagattcg	atctccagta	aactgaagga	atgctgtgaa	480
aaacctctgt	tggaaaaatc	ccactgcatt	gccgaagtgg	aaaatgatga	gatgcctgct	540
gacttgcctt	cattagctgc	tgatttttgt	tgaaagtaag	ggtgttttgc	caaanccttat	600
gg						602

<210> 796
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(334)
 <223> similar to gi551324 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 796		
caccccaaca	ccacacaaa	60
acacaccaca	accacccac	120
aacaaacaaa	cccacacaa	180
aannannacn	ncncnaaaaa	240
tgacatctgt	tgactgtctt	300
gagtggtttt	tctactgtgt	334

<210> 797
 <211> 238
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(241)

<223> similar to gi2280514 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 797		
cacatgcact	cacaccacat	60
actcacacca	catgcattca	120

caccacatgc	actcacacca	cacgcatgca	ctcacacaca	ccacatgcac	tcacaccaca	180
tgacttcaca	ccacatgcat	gacttcacac	cacatgcatg	cacttcacaca	ccacatgc	238

<210> 798
 <211> 549
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(552)
 <223> similar to gi818867 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 798						
cttctagatg	ttagagacac	aagcggccca	tctgtgttca	cagcaatcta	aacaagaatt	60
ccttagggtc	tcctttgcta	ggtccagttg	ttccaggacc	atctccaatc	ccttctgtta	120
ctgaaaagag	gttatcatct	ggccaaaata	aagcttcagg	caagaggcaa	agatccagtg	180
gaatatggga	gaatggtaga	ggaccaacac	ctgctacccc	agagagcttt	tctaaaaaaaa	240
gcaagaaagc	agtcatgagt	ggtattcacc	ctgcagaaga	cacggaaggt	actgagtttg	300
agccagaggg	acttccagaa	gttgtaaaga	aagggtttgc	tgacatcccg	acaggaaaga	360
ctagcccata	tatctgcca	agaacaacca	tggcaactcg	gaccagcccc	cgcctggctg	420
cacagaagtt	agcgctatcc	ccactgagtc	tcggcaaaga	aaatcttgca	gagtcctcca	480
aaccaacagc	tggtggcagc	agatcacaaa	aggtcaaagt	tgctcagcgg	agcccagtag	540
attcaggca						549

<210> 799
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(251)
 <223> similar to gil469888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 799						
ggcagcagca	ggccattctg	gaggaaaaca	aggagaagct	gccacttgac	atcaacccccg	60
tggtgcaccc	acactggcac	atctttaagg	actacacgga	cgtgcaccat	gtggacagac	120
atcttctaate	cacccgcgct	ttaccctcac	ctatagtgc	gcgagcggcc	agatgctgta	180
caactttctca	cacttcaatg	tctaccggaa	attcatacag	gataagccaa	gggcactcat	240
gagacaggaa	tgatgggagt	acctgcacat	tgctcttctg	aggcctgaca	gctttacttt	300

attgtccaca tggatataacc gatctgggga gcatataact tttattgtct atct

354

<210> 800
<211> 314
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(181)
<223> similar to gi3021428 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 800
ggcacgagca tctacctagc acatcgtgtg gccgcgggct tgggaattgg cccagttcat 60
ccaccacaca tccaagaagg cagacgtggt tctggcgtgt ggcgactcta tcgtgcatcc 120
cgaggacctg atctgctgtc cgctgacggg gaggagtgtc ctatgtgatg ttcacttact 180
ctcgtctctc ctagctcgtc tcggtagagg ttatgctgtc tctctgacta atctctagga 240
gttctgctgc cacgctcgtc tctgctgttg ctgctcttct gttggtcttt gcgtactctt 300
cgacggcatc tctg 314

<210> 801
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(334)
<223> similar to gi4995271 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 801
ggcacgagaa ctggaccttt atgttctagg aatttcact tgatgccttc aggatagcgc 60
tcttcttccc acctttaaaa gacaaagcac agcctcattt agtgatcgcc ttgtctaaca 120
tggggatcat cactgattaa atgccaaata attatccgct caactgatta gtgctctgga 180
atgacttctg ggccctcacat tcaaggcctg gatcaaaaga accagtgtct ctcattttgc 240
aattagccaa tgtcttcaag tatcatgaat tactagtgat aattatcgat aattcctctt 300
gctgtcgtat atcttgctat tatgtaccgc actcatccc 339

<210> 802
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (187)...(422)
 <223> similar to gi232583 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 802
 ggcacgagct tggctccatc cgctttgggg ttccagtct ttgttgagc caggactctc 60
 aaaagaaggg aacgcgttat aggggcccac actggatttg gggactgcaa aggcgagcag 120
 cgctcggtca gtttatctcc tgggaacgca ccaggagttg ggcacacgcy ggagctgggt 180
 cggtgctcct ggcaggtaac ggcttggtcc cggtgcagac ggcagactgc ggaggaacgg 240
 gaggccgaga ggcagcaagc gaaccgcatc ctccctgagtt gcagcaggag gcctatcata 300
 agagcctggc acagccgctg cccgctgacc ctctgtgcgt gcacaactcg tcgctcttcg 360
 ccctgcagaa tctgncagcc gggctctgacg actcgaccan natcacttac gtnnaactgg 420
 tg 422

<210> 803
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (117)...(370)
 <223> similar to gi545998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 803
 ggcacgaggg gctttggggc ggggtgttgcy aatgtgaagg cttgagtaac cttccgtcaa 60
 ggagctccca gtcttggtga ggataccaag acgtaggcag ttactgtaca gcttggacga 120
 tgccgggtgg gatcttctgg cactggggaga accagtcctt caatgcctta gtcaactaca 180

ccaacatgaa	tgcggcttca	cccacatcat	tcagaaagcg	ccgtccttgg	agggccgatg	240
cgtgcccttt	gccgctgttg	ctgcggctga	ctgtgtcaat	atccccatga	tgcgacagct	300
ggagcttatc	aagggaattt	gcgtgaatga	cacgaatgtt	tatgagattt	gtcattcccc	360
gaaagcatga	gtcatagcgn					380

<210> 804

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(350)

<223> similar to gi5689387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 804

ggcacgaggt	gagcgtattc	tttctagaga	agcaccaaag	gagctaaagc	ggcagcccat	60
gtcccttggg	tatttgggat	caactgtcaa	agctgaaaat	cttcctcagt	ggttttggac	120
atcgtgttcc	caggctcaaa	aacagtgcce	tttcttatta	aaggctacga	tgcattacca	180
catttcagta	gcacagacag	acgaaattct	gcctgccagg	aattctaagc	ggtttccaca	240
ccctattgac	tccaaaacca	ggttgaatgt	tttaaggttc	gatttggagc	agtacaacgc	300
tctgacccctg	gctcacgtgc	aatacggcca	ccaagaccg	taattcc		347

<210> 805

<211> 1376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1375)

<223> similar to gi2078282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 805

cttcagaaca	aattgccaaa	agccagagtt	gtttatgcta	gtgcaactgg	tgcttctgaa	60
ccacgcaaca	tggcctatat	gaaccgtctt	ggcatatggg	gtgagggtac	tccatttaga	120
gaattcagtg	attttattca	agcagtagaa	cggagaggag	ttggtgccat	ggaaatagtt	180
gctatggata	tgaagcttag	aggaatgtac	attgctcgac	aactgagctt	tactggagtg	240
accttcaaaa	ttgaggaagt	tcttctttct	cagagctacg	ttaaaatgta	taacaaagct	300
gtcaagctgt	gggtcatcgc	cagagagcgg	tttcagcaag	ctgcagatct	gattgatgct	360
gagcaacgaa	tgaagaagtc	catgtggggg	cagttctggg	ctgctcacca	gaggttcttc	420

aaatacttat	gcatagcatc	caaagttaaa	agggttgtgc	aactagctcg	agaggaaatc	480
aagaatggaa	aatgtgttgt	aattggtctg	cagtctacag	gagaagctag	aacattagaa	540
gctttggaag	agggcggggg	agaattgaat	gattttgttt	caactgccaa	aggtgtgttg	600
cagtcactca	ttgaaaaaca	ttttcctgct	ccagacagga	aaaaacttta	tagtttacta	660
ggaatcgatt	tgacagctcc	aagtaacaac	agttcgccaa	gagatagtcc	ttgtaaagaa	720
aataaaataa	agaagcggaa	aggtgaagaa	ataactcgga	gaagccaaaa	aagcacgaaa	780
agtaggtggc	cttactggta	gcagttctga	cgacagtggg	agtgaatctg	atgcctctga	840
taatgaagaa	agtgactatg	agagctctaa	aaacatgagt	tctggagatg	atgacgattt	900
caaccatttt	ttagatgagt	ctaattgagga	tgatgaaaat	gatccctggg	taattagaaa	960
agaccacaag	aaaaacaaa	agaaaaaaa	gaagaaaagt	atagatccag	attctattca	1020
aagtgcctta	ttagcatcag	gtccttggatc	aaaacgacct	agtttttcat	ctacaccagt	1080
tatctcacct	gctcctaaca	gtacaccagc	taacagtaac	accaacagta	acagtgcctt	1140
tataacaagt	caggatgctg	tggaaaaggg	tcagcagatg	aagaaagacc	tgcttgataa	1200
gctagaaaaa	ttagctgaag	acctcccccc	taataccctg	gatgaactta	tcgatgaact	1260
tggtggccct	gagaacgttg	ctgagatgac	tggccgcaag	ggacgggttg	tgagcaatga	1320
tgatggaagc	atatcttatg	agtcaagatc	tgaacttgat	gtgcctgtgg	aaataa	1376

<210> 806

<211> 697

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (81)...(699)

<223> similar to gi5802812 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 806

ggcagcagcg	aatgaatgaa	ttgtggcctc	aggaaccacg	agcgcatggg	gtagcaccag	60
gacaacataa	ggctgcactg	ccatctaatt	ttaatgaatc	gccattacag	tttactattc	120
ggcaggctag	attagccgga	gatcttgatg	cctggcagtt	tgcaagtagt	ttgcaacccc	180
cacgacagca	aggtggagcc	catcaagcgg	tatgggaacc	atcttctttt	aagctgctca	240
aagatcttaa	agcagctgtt	ggtcagtatg	gtcccaattc	gcctttcatt	cgatcgctat	300
tgcaatctgt	ggctcagaat	aagctattga	ctccgtgtga	ttgggagatt	ttaacgaaag	360
ttacactttc	gccctcccaa	tttcttcagt	ttaagacttg	gtggaccgac	gaggctcaaa	420
atcaagatcg	aaaaaacctg	gctgctaatt	ctgctattgc	cattacattt	gaacaacttc	480
taggaatagg	gggtcaatgg	ggaactgtaa	acaaccatca	ggacttcgag	atgatgccat	540
tgaacaaatt	cgcaattgct	gtttgagggc	atgggagaaa	attcaggatc	tgggaactac	600
ttatcagctc	tttaattcta	ttagacaagg	ctcaaaggaa	ccatatcctg	atttcattgc	660
tcgccttcaa	gacgcagcac	agaaggctct	cactgat			697

<210> 807

<211> 381

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> similar to gi3059135 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 807
 gagaaaaaca gagagatgct ggacatctta ataaagcatc tggtaaagt atcactacac 60
 agccaacaaa atctcatgac tgtctcaaat cttgggtgtca tatttggccc aactctaata 120
 agagcacagg aagaaactgt ggctgctatg atgaatatta aatttcagaa tattgtggta 180
 gaaattctga gaggccctat gaaaagattt ttcatactgc tccagaccca agcattcctc 240
 ttcctcagcc tcagctctga tctggatcag tatgaacaat attttcatag cgctctatca 300
 gaagattttt cctactgctc cagacccag cattcctgtt cctcagcctt aggctcgatc 360
 tggatccga atgacacgag c 381

<210> 808
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(831)
 <223> similar to gi431420 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 808
 tgggggtttat caggaatgca ctcagctctc agggaaatagg gatgtcctcc tctgccaaaa 60
 gttggagcag aagaatccac tcaactggtga tttctcctgc ccctctgggt actccccggg 120
 gcacctgtta tcccagatcc acgaggaggg ttacaaccac ctggagtgtc atcgaaagtg 180
 cactctcctc gtcttctgca agaccgtgtg tgaagatgtg ttccagggtg caaaagctga 240
 atttagggtc ttttgggtgtg tggccagcag ccaagtaact gaaaactcag gactgctttt 300
 tgggggcctc ttcagcagca agagcataaa ccccatgaca aatgcacagt catgccagc 360
 cggctacttt ccaactgagac tctttgaaaa cctcaaggta tgtgtttctc aggactatga 420
 gttgggaagc aggtttgcgg tcccctttgg cgggttcttt agctgcacag ttgggaacct 480
 cctggtagat cctgctatat ccagagattt aggggcactg tctctgaaaa agtgccccgg 540
 gggcttcagc cagcacccag ccctcatcag cgatggatgc caagtgtcct attgcgtcaa 600
 atccgggctc ttcacaggag ggtccctgcc ccctgccagg ctcccacctt tcacccggcc 660
 acccctcatg agtcaggctg ccaccaatac tgtcatagt accaattctg agaatgcgag 720
 atcctggatt aaagactccc agaccacca gtggaggctg ggagaaccga tagagctgcg 780
 gagggccatg aatgtcatcc atggggatgg tgggtggtctg tcaggagggg c 831

<210> 809
 <211> 1069
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(801)
 <223> similar to gi4378889 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 809

agctggctac	tatttggact	ctggctgacg	ttgatgggtga	tggacagcta	aaagcagaag	60
agttttattct	ttgcaatgcc	cccttaccgg	caatggccaa	gctgggcagg	cccaatacca	120
ctgactttac	ctcctgagct	tgttcctcca	tctttcagag	gaggaaagca	aattgattcc	180
attaatggaa	ctctggcctt	catatcagaa	aatgcaagaa	gaggagcctc	agaagaaatt	240
accagttact	tttgaggaca	aacggaaagc	caactatgag	cgagggaaca	tggagctgga	300
aaagcgacgc	caagccttga	tggagcagca	acaaagggag	gcagaacgta	aagcccagaa	360
agaaaaggaa	gagtgggaac	gaaaacagag	agaattacaa	gaacaagaat	ggaagaaaca	420
acttgaatta	gaaaaacgct	tagagaagca	acgggaattg	gagagacaac	gagaggaaga	480
aaggagaaaa	gacatagaaa	gacgagaggc	agcaaaacag	gaacttgaac	gacaacgtcg	540
cttagaatgg	gagagaattc	ggcgacagga	gcttctcaat	caaaagaata	gagaacaaga	600
agaaattgtc	aggttaaact	ctaaaaagaa	gaatcttcat	cttgagttgg	aagcactgaa	660
tggcaaacat	cagcagatct	caggcagact	tcaggatgtc	cgactcaaaa	agcaaactca	720
aaagactgag	ctggaagtgc	tggataagca	gtgtgacttg	gaaattatgg	aatcaagca	780
acttcaacag	gaacttcagg	taagtccttc	actgctaaat	tggtcttaaa	catgtacaat	840
taatagttct	tctgggctgg	gcacggtggc	tcacggctgt	aatgctagca	ctttggggagg	900
ctgaggcggg	tggatccctt	gaggtcagga	gttcgagacc	agcccagtca	gcaggggcaaa	960
accccgctctc	tactaaaaat	acaaaaaaat	tagctgggta	tgggtggcgca	tgccgtgaat	1020
cccagcaact	cgggaggctg	aggcaggaga	atcgcttgat	tctggggagg		1069

<210> 810
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(334)
 <223> similar to gi2723316 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 810

ccagtcctca	acccttacta	cacataagaa	agttcatact	ggagagaaac	gctacagatg	60
tgaagaatct	ggcaaagcct	ttaagctgcc	tctaacctta	ctacacataa	gataattcac	120
actggagaga	aaccctacag	atgtagagaa	cgtggcaaaag	cttttaacca	cccctcacc	180
cttttttcac	ataagaaaaat	tcttattgga	gagaaaccat	acaagtgtgt	taaatgtggc	240

```

aaagccttca tttcatcctc aacccttatt aaacatgaga taattcatag aaactctaca 300
aatgtgaaga atgtggcaaa attttaactg ttcc 334

```

```

<210> 811
<211> 374
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(364)
<223> similar to gi161970 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 811
cagaactctc tccgctcctc ctttgactcg tgcggagaac tccatccgct cccctctcga 60
ctcctgcagg taactccatc cactcctccc tcaactcctg cgggtaactc tgtccactcc 120
tccctcgact cctgcaggta actcagtcga ctccctccctc gactcctgca ggtaactccg 180
tccgctcctc cctcgactcc tgcgggtaac tccatccgct tctccctcga ctgctgtggg 240
taactccatc cactcctccc tgaactcctt caggtaactc tgtccgctcc tccctcgact 300
cctgcgggta gctccgtcca ctctcctcctc gactcctgtg ggtaactccg tccactcctc 360
cctcaactcc tgcg 374

```

```

<210> 812
<211> 387
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (18)...(389)
<223> similar to gi21992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 812
tcaacttctc tgcacctcct ccatctgagc cccttccctt ctctgcacct cctccatctg 60
agccctcttc cttctctggg ccgcccccat ctgacctcct tcccttctct gcacctcctc 120
catctgagcc ccttcccttc tctgggcccc ctctccatc tgagccctt ccttctctg 180
ggcctccccc atctgacccc ctttcccttca ctgcacctcc tccatctgag cctgttccct 240
tctctgggcc tgcctcatct gaccgccttc ccttcttttg acctactaca tctgagcccc 300
ccaatagact gggatgccta ctcaaccaca ccccatatgc ctctccaaga acactccttt 360
gcctgagccc acacgtttgc atcccc 387

```